



Prüfbericht-Nr.: <i>Test report No.:</i>	50087264 001	Auftrags-Nr.: <i>Order No.:</i>	164089911	Seite 1 von 21 <i>Page 1 of 21</i>
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	06.04.2017	
Auftraggeber: <i>Client:</i>	Accent Advanced Systems SLU Bergueda 43 Local 18 Castellar del Valles Spain			
Prüfgegenstand: <i>Test item:</i>	Bluetooth Beacon			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	iBKSPPLUS			
Auftrags-Inhalt: <i>Order content:</i>	FCC approval			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209			
Wareneingangsdatum: <i>Date of receipt:</i>	15.04.2017	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000523699-001 A000523699-002			
Prüfzeitraum: <i>Testing period:</i>	28.04.2017 - 08.05.2017			
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:		
16.06.2017  Andy Yan / Project Manager		16.06.2017  Owen Tian / 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>
				Unterschrift <i>Signature</i>
Sonstiges / Other: FCC ID: 2ABTTIBKSPLUS				
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)		4 = ausreichend 5 = mangelhaft N/A = nicht anwendbar N/T = nicht getestet		
Legend: 1 = very good 2 = good 3 = satisfactory P(ass) = passed a.m. test specifications(s)		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>				

V04

Test Summary

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER***RESULT: Pass***5.1.3 CONDUCTED POWER SPECTRAL DENSITY***RESULT: Pass***5.1.4 6dB BANDWIDTH***RESULT: Pass***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH***RESULT: Pass***5.1.6 RADIATED SPURIOUS EMISSION***RESULT: Pass***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 A: Test Results of Conducted and Radiated Testing

2 Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

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

FCC Registration No.: 752051

The tests at the test sites 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

Accurate Technology Co., Ltd.

Radio Spectrum Test				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum Analyzer	R&S	ESPI3	100396/003	09.01.2018
Spurious Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum Analyzer	R&S	FSV40	101495	09.01.2018
Test Receiver	R&S	ESCS30	100307	09.01.2018
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	14.01.2018
Loop Antenna	Schwarzbeck	FMZB1516	1516131	14.01.2018
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	14.01.2018
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	14.01.2018
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	09.01.2018
Pre-Amplifier	R&S	CBLU11835 40-01	3791	09.01.2018
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	09.01. 2018
RF Coaxial Cable	SUHNER	N-3m	No.8	09.01.2018
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	09.01.2018
RF Coaxial Cable	SUHNER	N-6m	No.10	09.01.2018
RF Coaxial Cable	RESENBERGER	N-12m	No.11	09.01.2018
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	09.01.2018

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 as below table

Item		Extended Uncertainty
Conducted Emission		± 3.0 dB
Radiated Emission (9kHz-30MHz)	Field strength (dBµV/m)	U=3.08dB, k=2, σ=95%
Radiated Emission (30-1000MHz)	Field strength (dBµV/m)	U=4.42dB, k=2, σ=95%
Radiated Emission (above 1000MHz)	Field strength (dBµV/m)	U=4.06dB, k=2, σ=95%
Occupied Channel Bandwidth		±5.0 %
RF Output Power, Conducted		±1.5 dB
Power Spectral Density, Conducted		±3.0 dB
Unwanted Emission, Conducted		±3.0 dB
Duty Cycle		±5.0 %

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A 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 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 Bluetooth Beacon which supports Bluetooth Low Energy (Single mode).

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Bluetooth Beacon
Type Designation	iBKSPLUS
Trade Mark	Accent Systems
FCC ID	2ABTTIBKSPLUS
Operating Frequency	2402 - 2480 MHz
Operating Temperature Range	-20 °C ~ +85 °C
Operating Voltage	DC 3.6 V or DC 3.0 V from Internal non-rechargeable battery
Testing Voltage	4 x AA 1.5V Alkaline new batteries with 2 serial – 2 parallel
Type of Modulation	GFSK
Channel Number	40 channels
Channel Separation	2MHz
Wireless Technology	Bluetooth 4.0 (Single mode)
Antenna Type	Integral Antenna
Max. Antenna Gain	5.30 dBi

Table 3: RF Channel and Frequency of Bluetooth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	2402.00	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00
06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	19	2440.00	29	2460.00	39	2480.00

3.3 Independent Operation Modes

The basic operation modes are:

- A. On (Bluetooth transmitting mode)
 - a) Low Channel
 - b) Middle Channel
 - c) High Channel
- B. On, Bluetooth connecting mode

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- Schematics
- Technical Description
- FCC/IC Label and Location Info
- Photo Document
- User Manual

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation 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

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Notebook PC	Lenovo	ThinkPad X240	N/A	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 Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

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

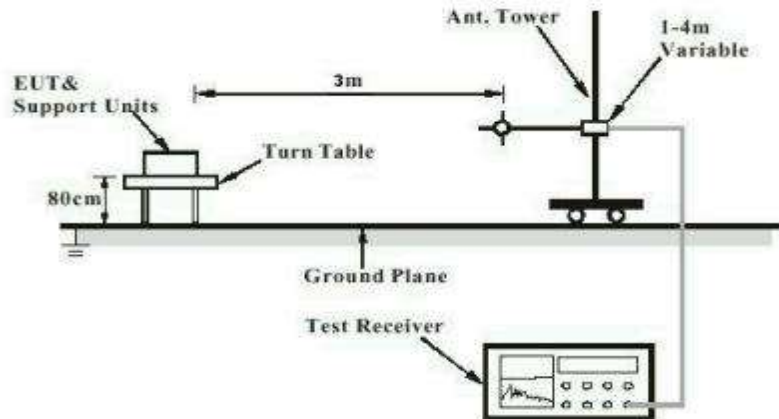


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

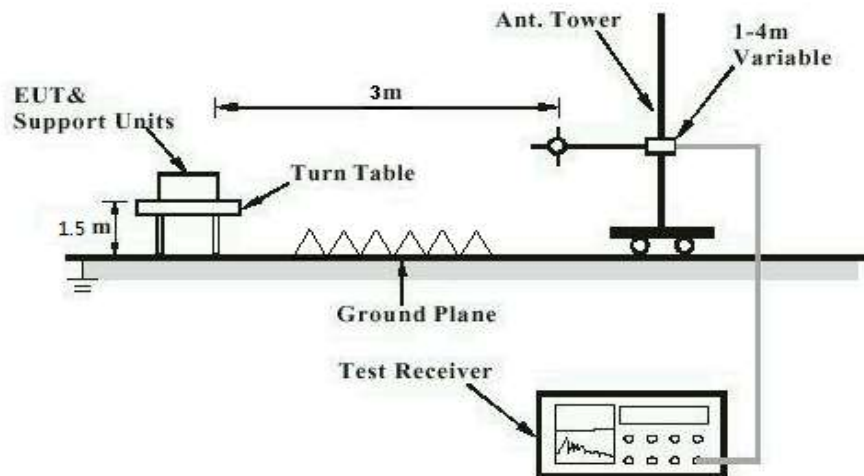
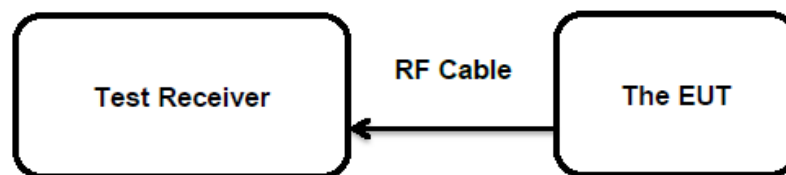


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has an integral antenna, the directional gain of antenna is 5.30 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.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(1)&(3)
 Basic standard : ANSI C63.10: 2013
 Limits : < 1.0 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 28.04.2017
 Input voltage : 4 X AA New batteries
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 25 °C
 Relative humidity : 56 %
 Atmospheric pressure : 101 kPa

Table 5: Test Result of Maximum Peak Conducted Output Power

Test Mode	Channel Frequency (MHz)	Measured Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Energy	2402	-0.54	0.88	< 1.0
	2440	-0.53	0.89	
	2480	-0.74	0.84	
Maximum Measured Value		-0.53	0.89	/

Note: The cable loss 0.5 dB is taken into account in results.

For the measurement records, refer to the appendix A.

5.1.3 Conducted Power Spectral Density

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(e)
 Basic standard : ANSI C63.10: 2013
 Limits : 8 dBm/3kHz
 Kind of test site : Shielded Room

Test Setup

Date of testing : 28.04.2017
 Input voltage : 4 X AA New batteries
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 25 °C
 Relative humidity : 56 %
 Atmospheric pressure : 101 kPa

Table 6: Test Result of Power Spectral Density, Low Energy

Test Mode	Test Channel (MHz)	Power Spectrum Density(dBm/3kHz)	Limit (dBm/3kHz)
Low Energy	2402	-14.34	< 8.0
	2440	-13.77	
	2480	-12.82	
Maximum Measured Value		-12.82	

Note: The cable loss 0.5 dB is taken into account in results.

For the measurement records, refer to the appendix A.

5.1.4 6dB Bandwidth

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(a)(2)
 Basic standard : ANSI C63.10: 2013
 Limits : More than 500 KHz
 Kind of test site : Shielded Room

Test Setup

Date of testing : 28.04.2017
 Input voltage : 4 X AA New batteries
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 25 °C
 Relative humidity : 56 %
 Atmospheric pressure : 101 kPa

Table 7: Test Result of 6dB Bandwidth, Low Energy

Test Mode	Test Channel (MHz)	-6dB Bandwidth (kHz)	Limit (kHz)
Low Energy	2402	677.0	> 500
	2440	677.3	
	2480	677.3	
Minimum Measured Value		677.0	

For the measurement records, refer to the appendix A.

5.1.5 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:**Pass**

Test Specification

Test standard : FCC Part 15.247(d)
Basic standard : ANSI C63.10: 2013
Limits : 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);

Kind of test site : Shielded Room

Test Setup

Date of testing : 28.04.2017
Input voltage : 4 X AA New batteries
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 25 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test plot, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

5.1.6 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

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)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 08.05.2017
Input voltage	: 4 X AA New batteries
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 23 °C
Relative humidity	: 48 %
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 set-up photos.

Testing was carried out within frequency range 9kHz to the tenth harmonics.

For the measurement records, refer to the appendix A.

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass****Test Specification**

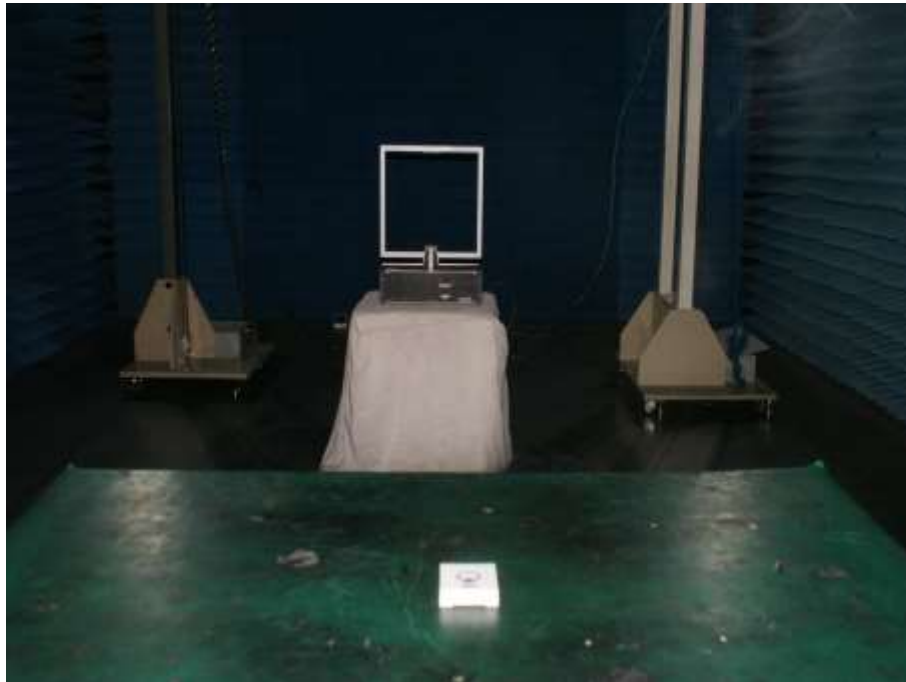
Test standard : CFR47 FCC Part 2.1093
KDB 447498 D01

Measurement Record:

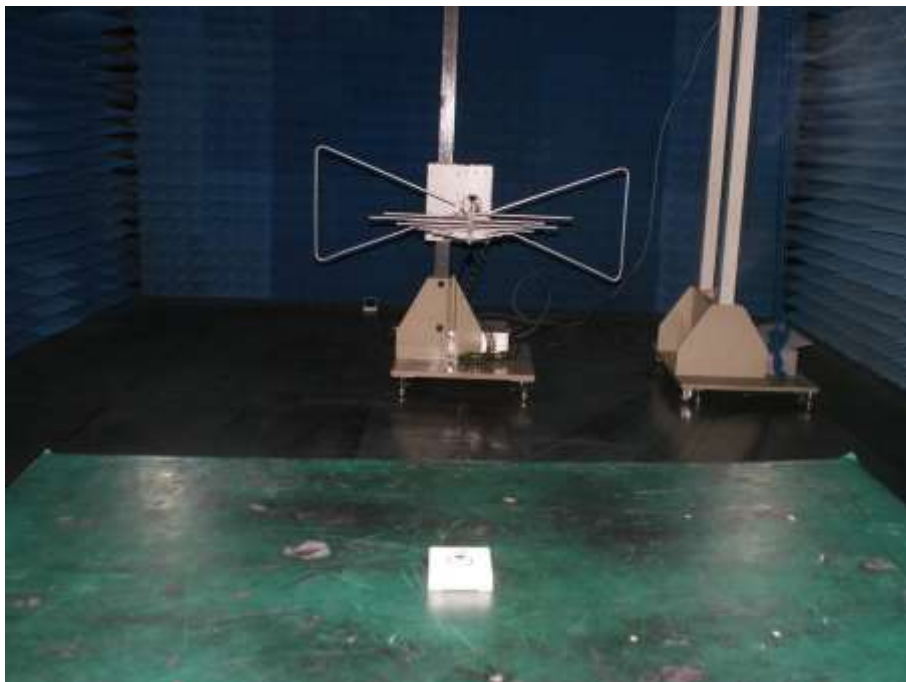
The Maximum tested and declared conducted output power is less than 0 dBm (1.0mW) which is less than SAR exclusion testing threshold 9.6mW for Bluetooth band according to KDB 447498 D01. So this device is compliance with the RF Exposure requirement.

7 Photographs of the Test Set-Up

Photograph 1: Set-up for Radiated Spurious Emission (9kHz ~ 30MHz)



Photograph 2: Set-up for Radiated Spurious Emission (30MHz~1GHz)



Photograph 3: Set-up for Radiated Spurious Emission (1GHz ~ 18GHz)



Photograph 4: Set-up for Radiated Spurious Emission above 18GHz



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9 List of Photographs

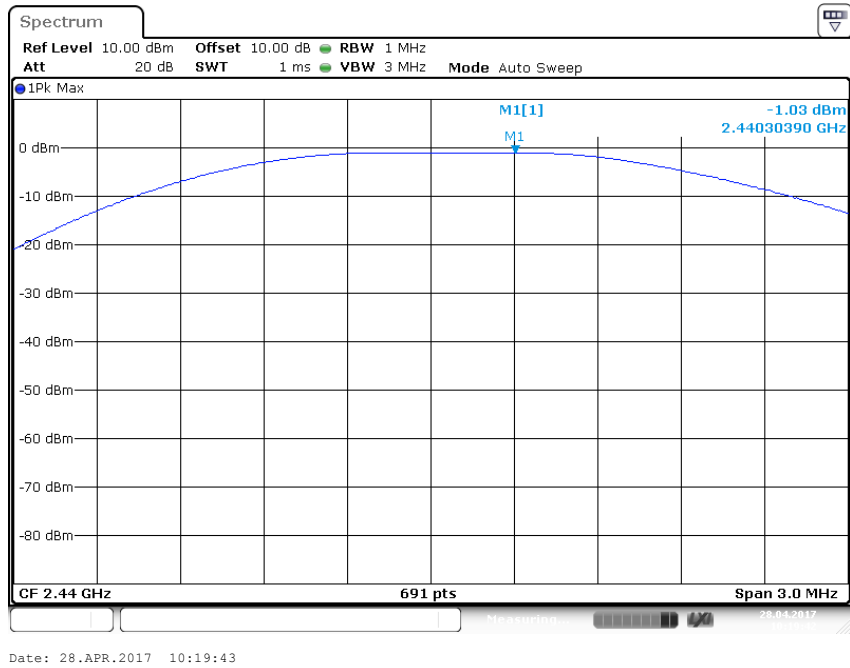
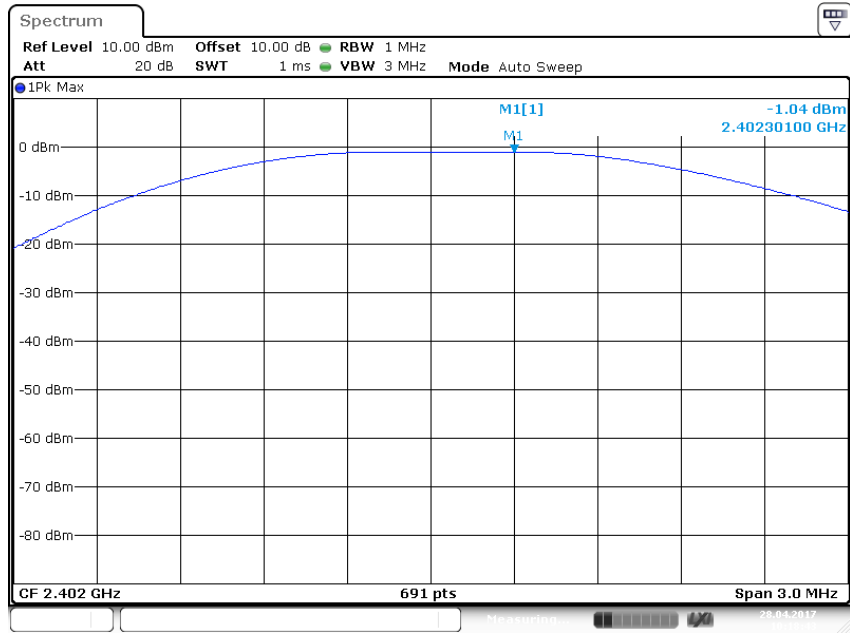
Photograph 1: Set-up for Radiated Spurious Emission (9kHz ~ 30MHz)	19
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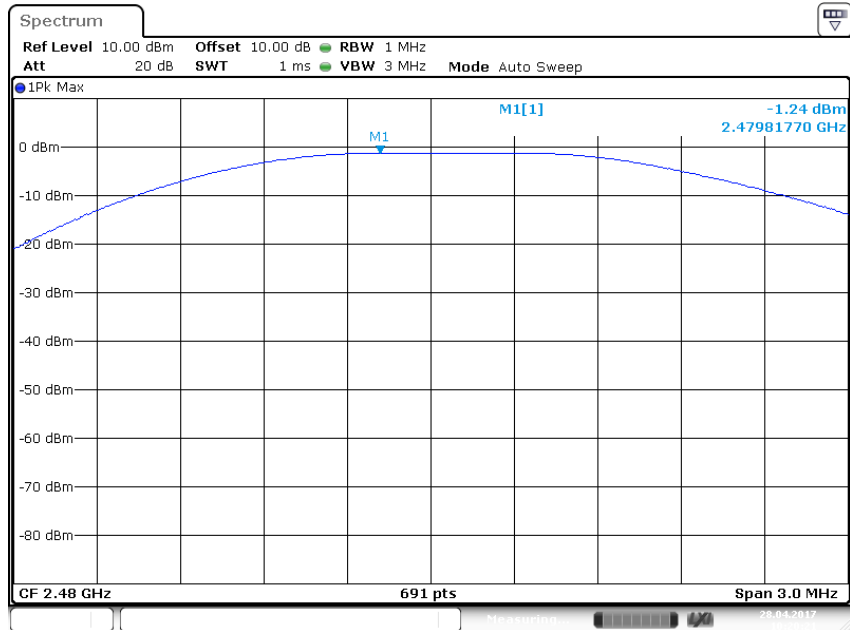
Appendix A

Test Results of Conducted and Radiated Testing

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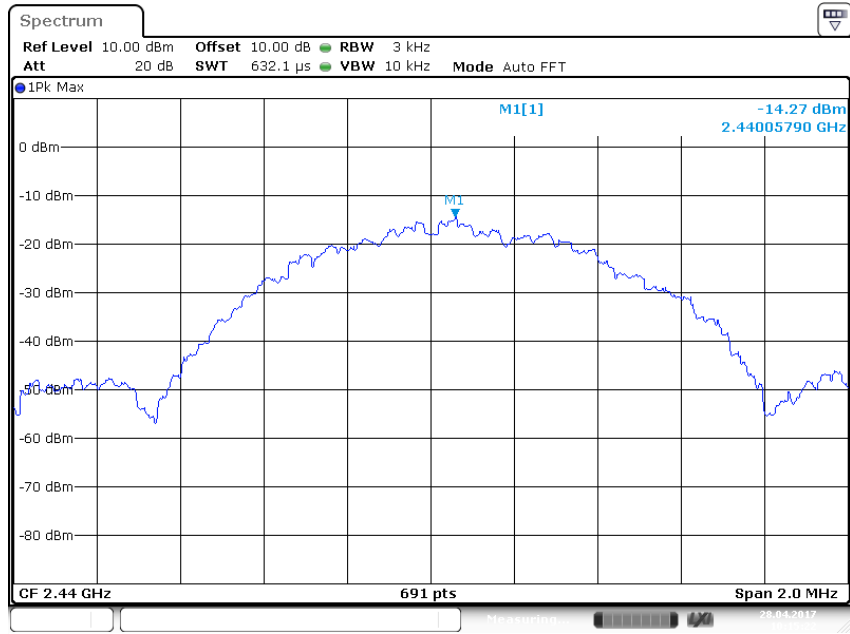
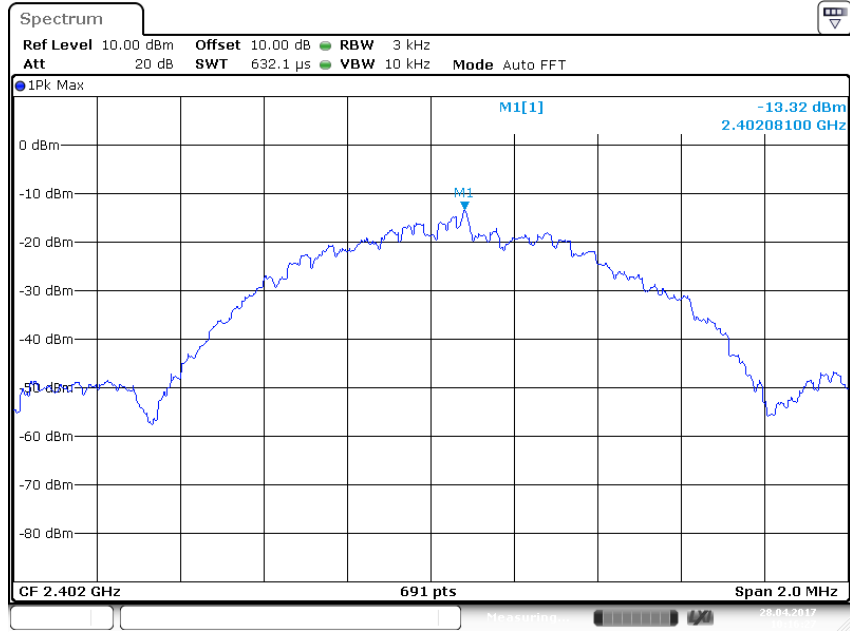
Appendix A.1: Test Plots of Maximum Peak Conducted Output Power

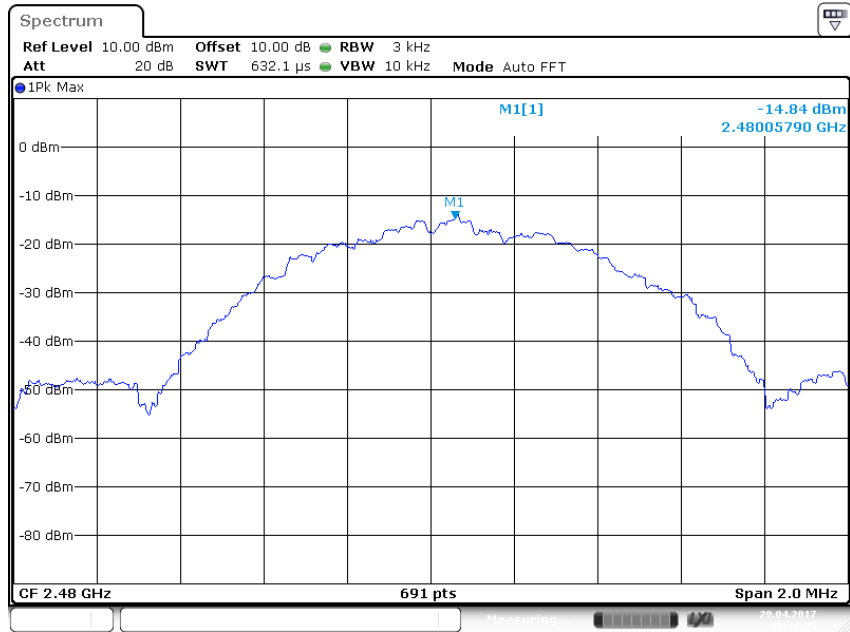




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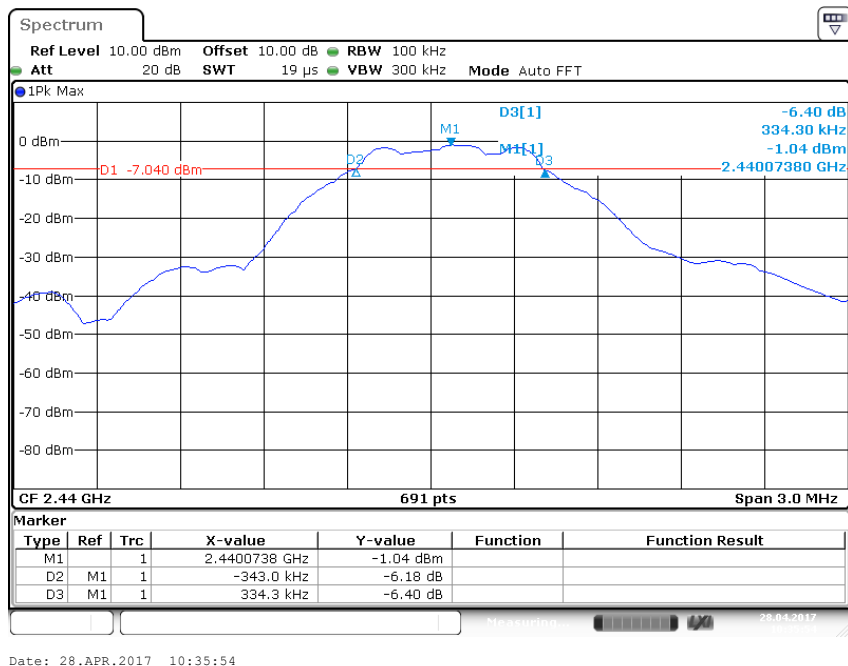
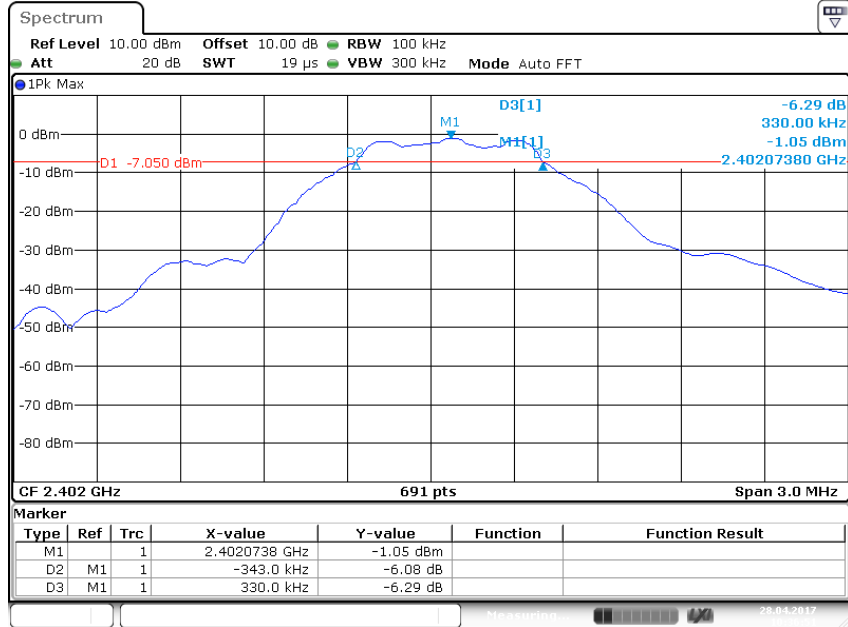
Appendix A.2: Test Plots of Conducted Power Spectral Density

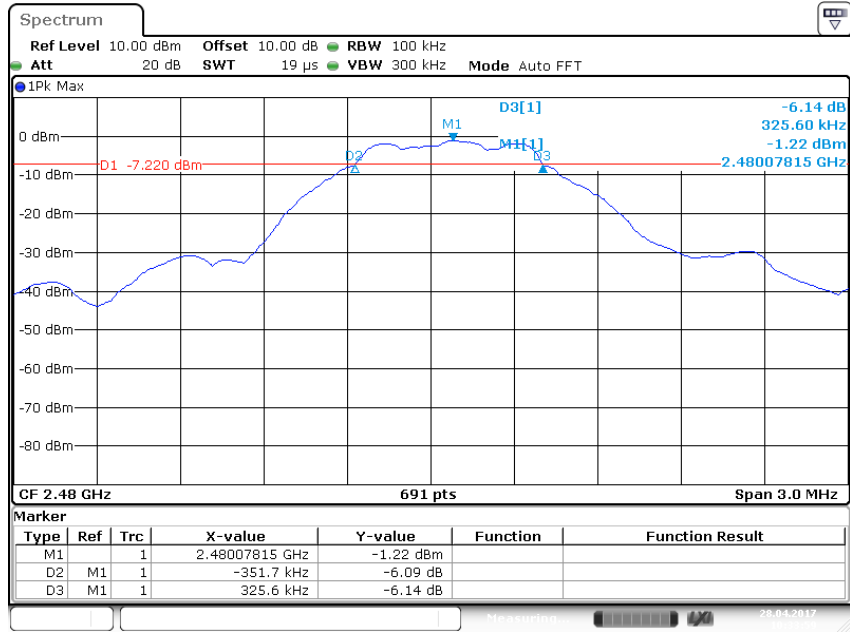




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Appendix A.3: Test Plots of 6dB Bandwidth

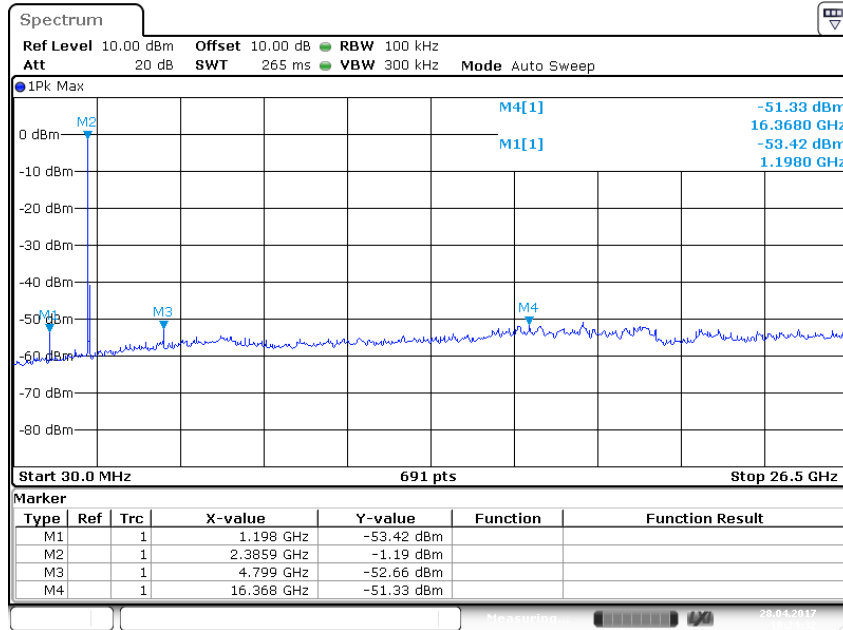




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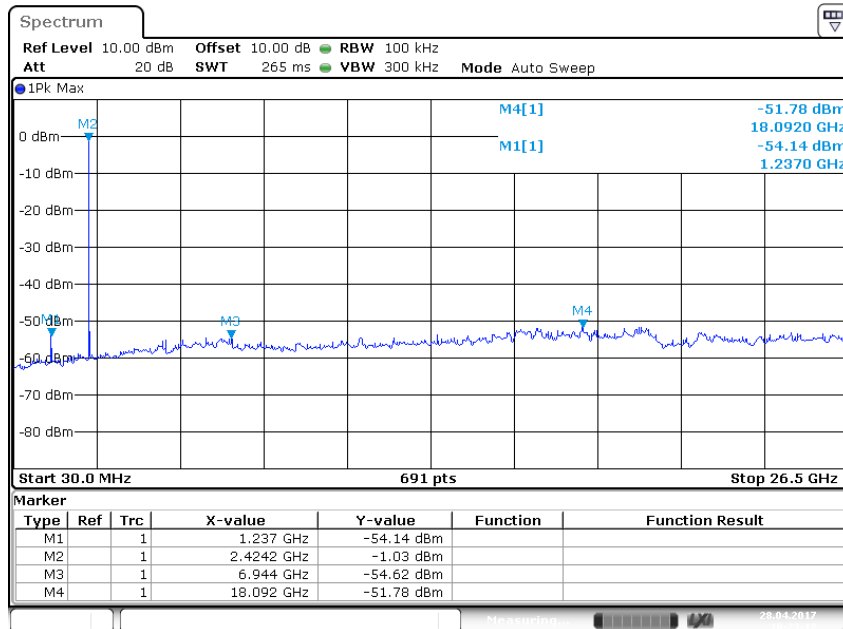
Appendix A.4: Test Plots of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Low Channel



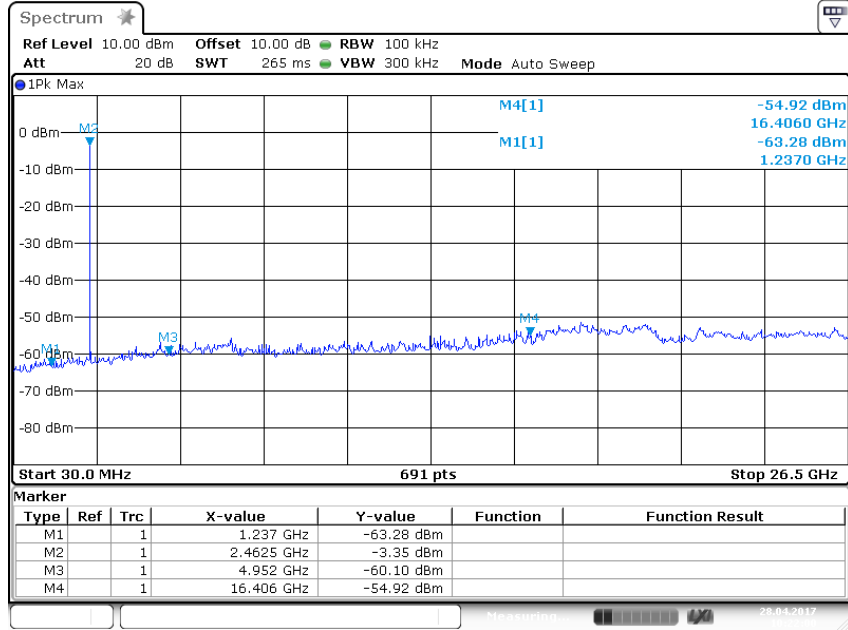
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Middle Channel



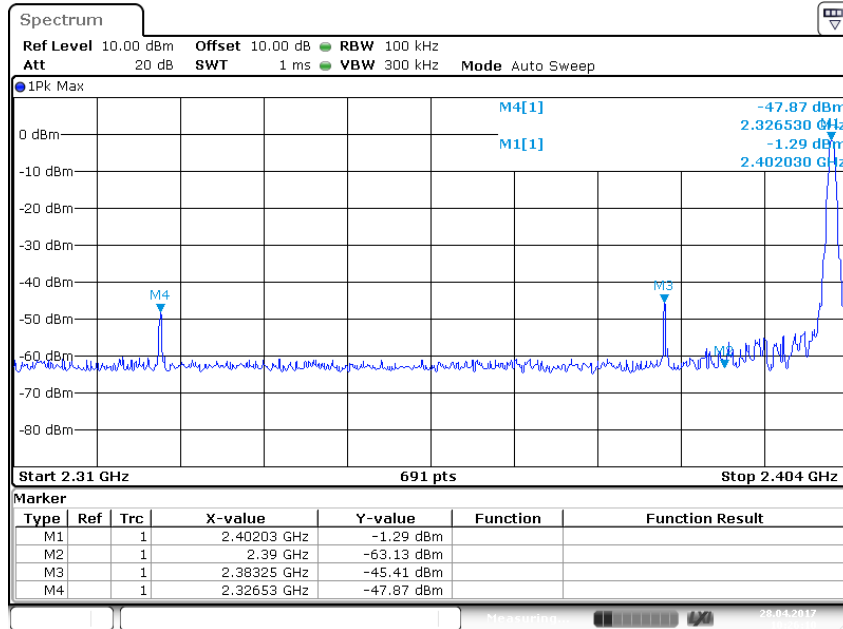
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High Channel

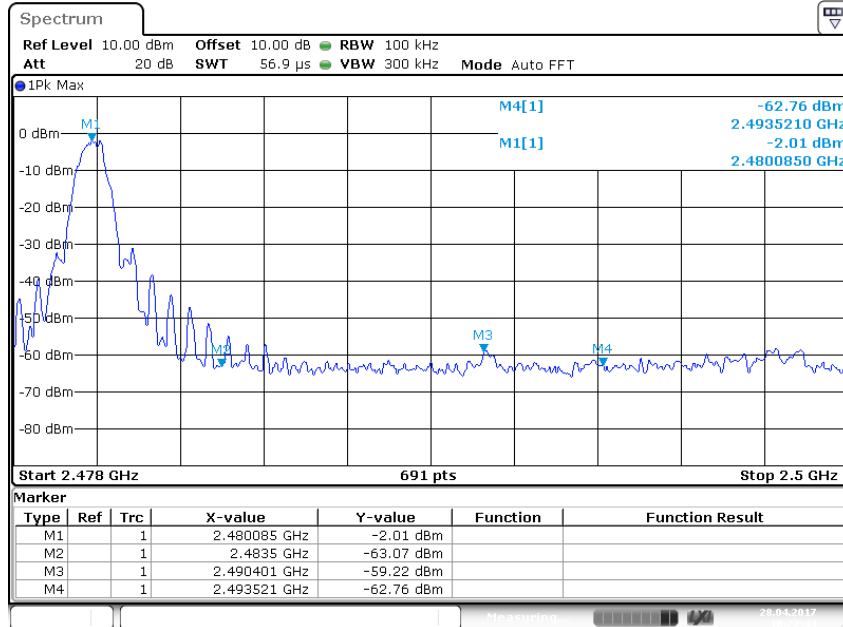


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Low Channel Bandedge



High Channel Bandedge



Appendix A.5: Test Result of Radiated Emission

Note: Radiated Spurious Emissions greater than 20dB below the limit are not showed.

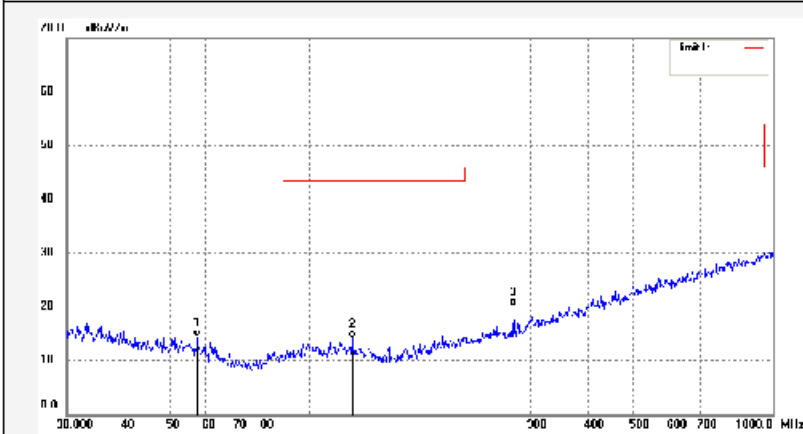


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503398

Job No.: PING #3015	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2402MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	57.1914	27.82	-13.37	14.45	40.00	-25.55	QP			
2	123.6984	27.67	-13.48	14.19	43.50	-29.31	QP			
3	276.1235	29.99	-9.70	20.29	46.00	-25.71	QP			

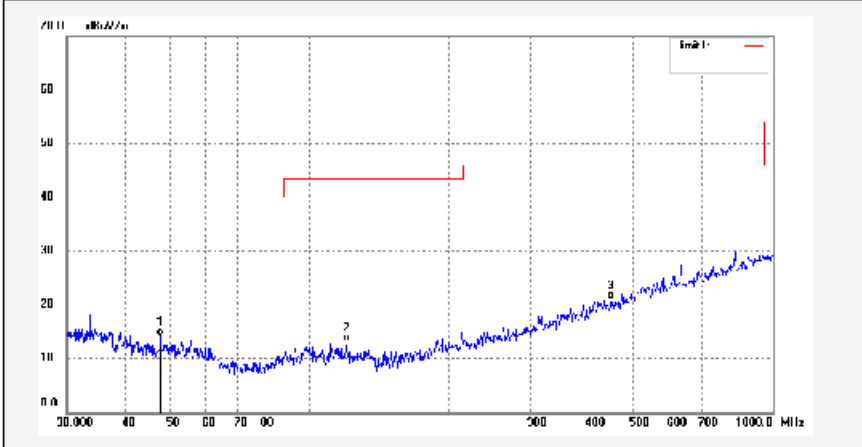


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3016	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2402MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	47.6584	26.88	-12.60	14.28	40.00	-25.72	QP			
2	120.2768	26.30	-13.09	13.21	43.50	-30.29	QP			
3	447.9821	26.51	-5.38	21.13	46.00	-24.87	QP			

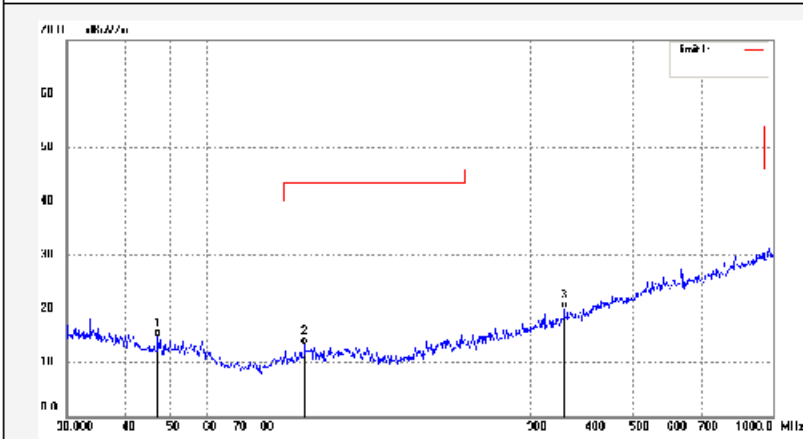


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3017	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2440MHz	Distance: 3m
Model: iBKSPPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	47.1599	27.40	-12.60	14.80	40.00	-25.20	QP			
2	97.4560	27.31	-13.91	13.40	43.50	-30.10	QP			
3	354.1831	27.38	-7.38	20.00	46.00	-26.00	QP			

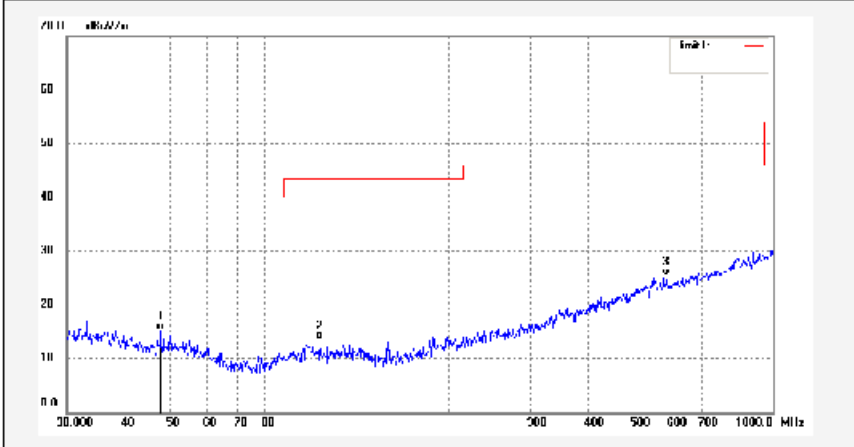


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3018	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2440MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	47.6584	27.91	-12.60	15.31	40.00	-24.69	QP			
2	105.2717	27.35	-13.87	13.48	43.50	-30.02	QP			
3	588.9050	27.91	-2.47	25.44	46.00	-20.56	QP			

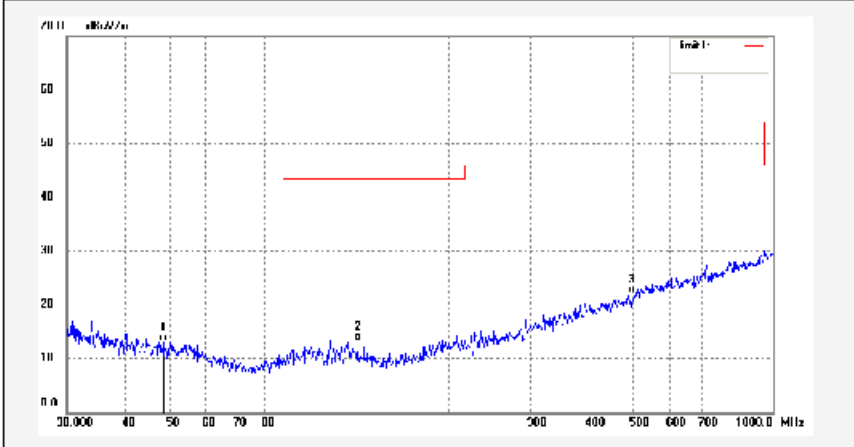


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: PING #3019	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2480MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	48.5018	25.85	-12.60	13.25	40.00	-26.75	QP			
2	127.2178	27.02	-13.69	13.33	43.50	-30.17	QP			
3	495.9343	26.68	-4.53	22.15	46.00	-23.85	QP			

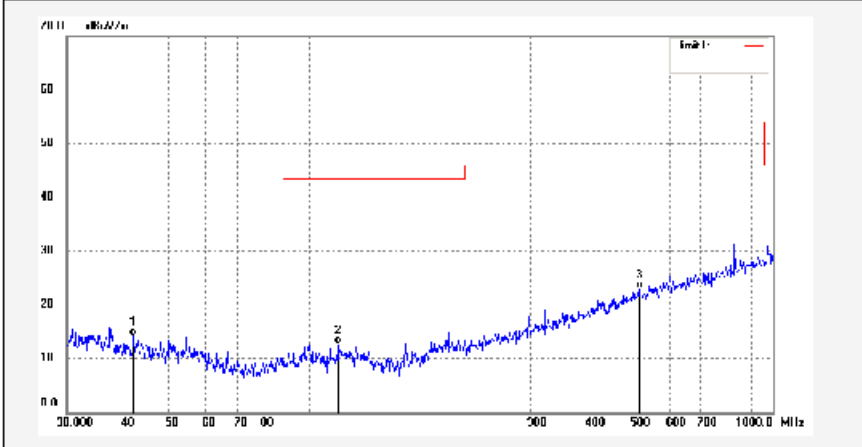


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PING #3020	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2480MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	41.7129	26.13	-11.91	14.22	40.00	-25.78	QP			
2	115.3204	25.80	-13.06	12.74	43.50	-30.76	QP			
3	515.4374	27.02	-3.98	23.04	46.00	-22.96	QP			

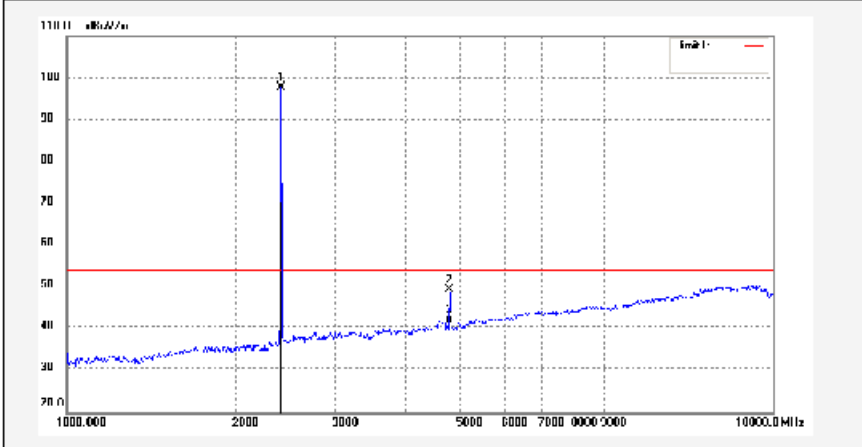


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3027	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2402MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	99.40	-1.61	97.79	/	/	peak			
2	4804.024	44.45	4.90	49.35	74.00	-24.65	peak			
3	4804.024	36.46	4.90	41.36	54.00	-12.64	AVG			

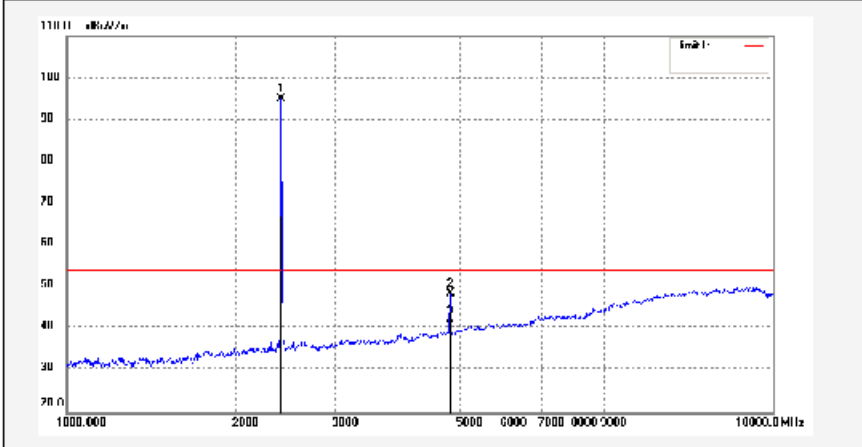


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3028	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2402MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	96.68	-1.61	95.07	/	/	peak			
2	4804.028	43.48	4.90	48.38	74.00	-25.62	peak			
3	4904.028	36.05	4.90	40.95	54.00	-13.05	AVG			

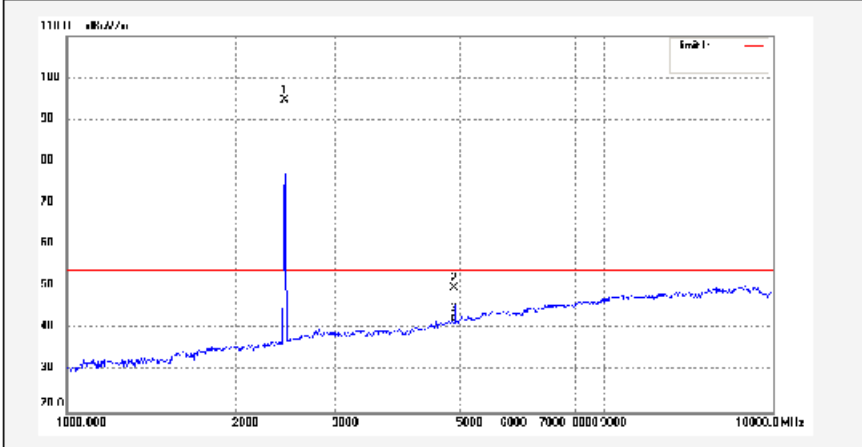


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: PING #3029	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2440MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	95.98	-1.46	94.52	/	/	peak			
2	4880.025	44.17	5.60	49.77	74.00	-24.23	peak			
3	4880.025	36.05	5.60	41.65	54.00	-12.35	AVG			

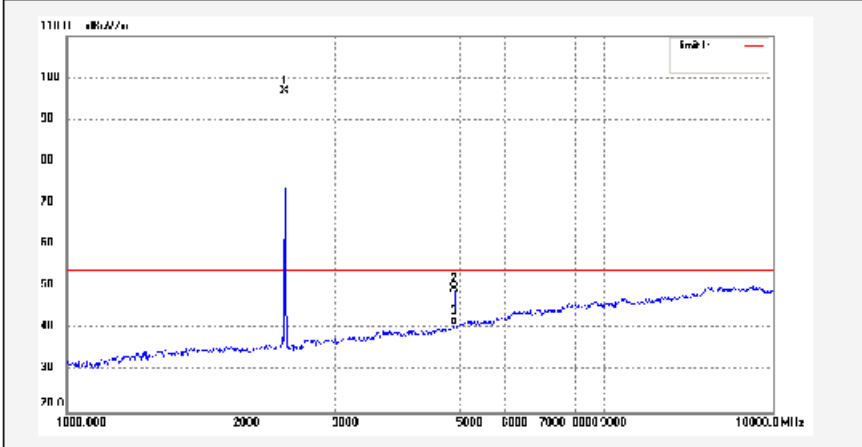


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Site: 2# Chamber
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Job No.: PING #3030	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2440MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	98.34	-1.46	96.88	/	/	peak			
2	4880.028	44.06	5.60	49.66	74.00	-24.34	peak			
3	4880.028	35.43	5.60	41.03	54.00	-12.97	AVG			

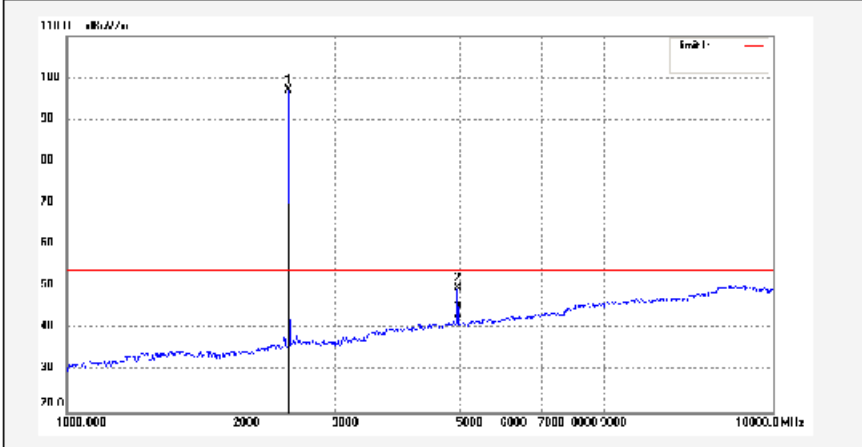


ACCURATE TECHNOLOGY CO., LTD.
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3031	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2480MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	98.38	-1.40	96.98	/	/	peak			
2	4960.028	43.82	6.10	49.92	74.00	-24.08	peak			
3	4960.028	36.01	6.10	42.11	54.00	-11.89	AVG			

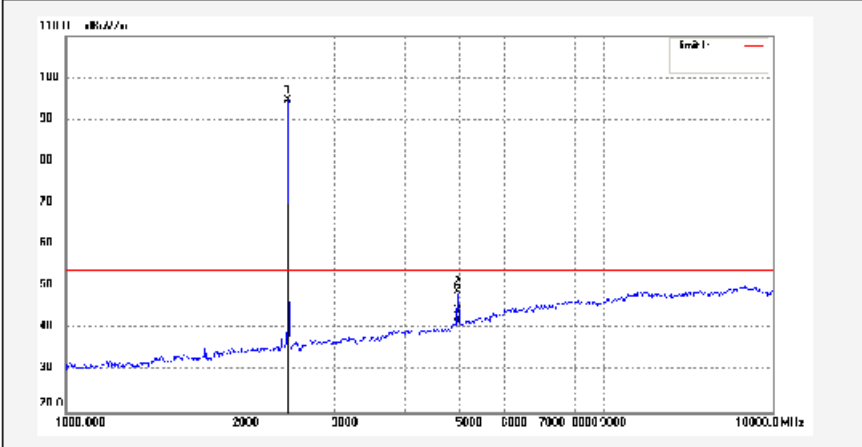


ACCURATE TECHNOLOGY CO., LTD.
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PING #3032	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 17/05/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: iBKS Plus	Engineer Signature: PING
Mode: TX 2480MHz	Distance: 3m
Model: iBKSPLUS	
Manufacturer:	

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	95.92	-1.40	94.52	/	/	peak			
2	4980.027	42.71	6.10	48.81	74.00	-25.19	peak			
3	4980.027	35.09	6.10	41.19	54.00	-12.81	AVG			