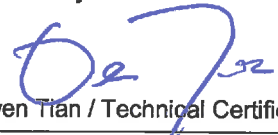


Prüfbericht-Nr.: <i>Test report No.:</i>	50055846 003	Auftrags-Nr.: <i>Order No.:</i>	164069063	Seite 1 von 21 <i>Page 1 of 21</i>
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	14.07.2016	
Auftraggeber: <i>Client:</i>	ContextMedia LLC 330 N. Wabash Ave STE 2500, Chicago, Illinois United States.			
Prüfgegenstand: <i>Test item:</i>	13.3" Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	P-TAB-104-ELC-XX (XX equals to 00, 01, 02, 03...99) (ContextMedia Health)			
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 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	21.07.2016	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000399543-002			
Prüfzeitraum: <i>Testing period:</i>	31.07.2016 - 31.08.2016			
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:		kontrolliert von / reviewed by:		
 18.09.2016 Andy Yan / Project Manager		 18.09.2016 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>
Sonstiges / Other:				
FCC ID: 2AI6X-PTABELC IC: 21722-PTABELC HVIN: P-TAB-104-ELC-01, P-TAB-104-ELC-02, P-TAB-104-ELC-03 All the Identification no. are identical in the hardware and electronic aspects with each other. All the HVIN no. are identical in the hardware and electronic aspects with each other, the difference is only color appearance.				
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 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(all) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(all) = failed a.m. test specifications(s) 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 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 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

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 D: Test Results of Wi-Fi 802.11b/g/n(HT20) of Conducted Testing

Appendix E: Test Results of Wi-Fi 802.11b/g/n(HT20) of AC Conducted and Radiated Emission

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

Test site Industry Canada No.: 5077A-2

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	09.01.2017
Spectrum Analyzer	Agilent	E7405A	MY45115511	09.01.2017
Spurious Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum Analyzer	R&S	FSV40	101495	09.01.2017
Test Receiver	R&S	ESCS30	100307	09.01.2017
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	14.01.2017
Loop Antenna	Schwarzbeck	FMZB1516	1516131	14.01.2017
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	14.01.2017
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	14.01.2017
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	09.01.2017
Pre-Amplifier	R&S	CBLU11835 40-01	3791	09.01.2017
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	09.01.2017
RF Coaxial Cable	SUHNER	N-3m	No.8	09.01.2017
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	09.01.2017
RF Coaxial Cable	SUHNER	N-6m	No.10	09.01.2017
RF Coaxial Cable	RESENBERGER	N-12m	No.11	09.01.2017
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	09.01.2017
Conducted Emission on AC Mains				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Test Receiver	R&S	ESCS30	100307	09.01.2017
L.I.S.N.	R&S	NLSK8126	8126431	09.01.2017
50Ω Coaxial Switch	Anritsu	MP59B	6200283933	09.01.2017

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

2.6 Location of Original Data

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

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
Radio Frequency		±1x10 ⁻⁵
Duty Cycle		±5.0 %

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 13.3" Tablet which supports Bluetooth (dual mode) and Wi-Fi 802.11 a/b/g/n/ac wireless technology. This DTS report is only for 2.4GHz band 802.11b/g/n technology. Other functions with different technologies are reported in the related reports.

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

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	13.3" Tablet
Type Designation	P-TAB-104-ELC-XX (XX equals to 00, 01, 02, 03...99)
Trade Mark	ContextMedia Health
FCC ID	2A16X-PTABELC
IC / HVIN	21722-PTABELC / P-TAB-104-ELC-01, P-TAB-104-ELC-02, P-TAB-104-ELC-03
Operating Temperature Range	0 °C ~ +40 °C
Operating Voltage	DC 5.0 V from AC/DC Adapter
Testing Voltage	DC 5.0 V from AC/DC Adapter with input 120V/60Hz
Antenna Type	Integral Antenna
Max. Antenna Gain	2.0dBi
Technical Specification of Wi-Fi 802.11 b/g/n(HT20)	
Operating Frequency	2412 - 2462 MHz for 802.11b/g/n(HT20)
Type of Modulation	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Data Rate	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 Mbps for 802.11n(HT20)
Channel Number	11 channels for 802.11b/g/n(HT20)
Channel Separation	5 MHz
Maximum tune-up average output power (dBm):	802.11b: 17.0dBm; 802.11g: 16.0dBm; 802.11n: 15.5dBm

Table 3: RF Channel and Frequency of Wi-Fi 802.11 b/g/n(HT20)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	/	/

Remark:

Test frequencies are lowest channel: 2412 MHz, middle channel: 2437 MHz and highest channel: 2462 MHz for 802.11b/g/n(HT20)

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi transmitting with AD/DC adapter
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. WiFi Link

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
Adapter	Mass Power	NBS18C050250V U	N/A	Input: 100-240V~, 50/60Hz, 0.6A Output: DC 5.0V, 2.5A
Notebook PC	Lenovo	ThinkPad X240	N/A	N/A
Printer	HP	HP laserjet 1015	CNFG030424	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)

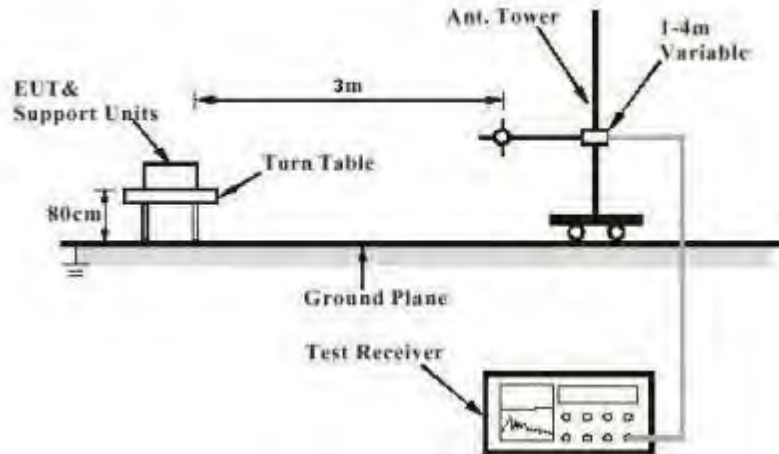


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

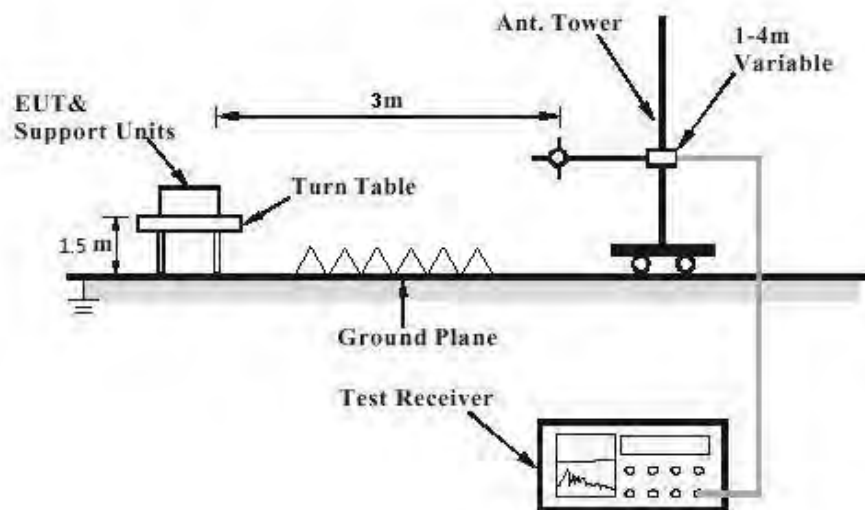


Diagram of Measurement Configuration for Mains Conduction Measurement

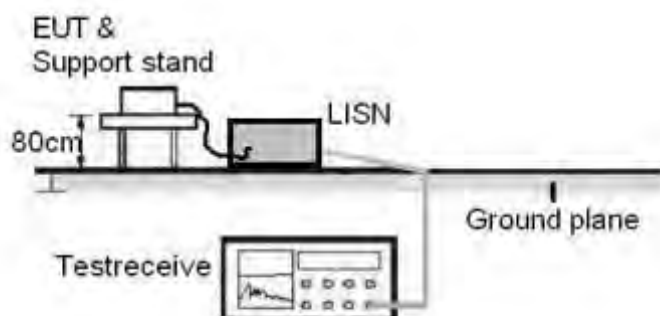
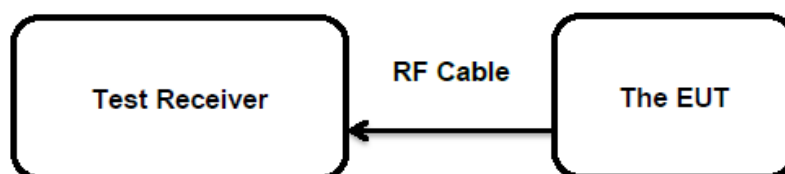


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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
RSS-Gen Clause 8.3

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2.00 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)(3)
 RSS-247 Clause 5.4(4)
 Basic standard : ANSI C63.10: 2013
 Limits : < 1.0 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 31.07.2016
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 25 °C
 Relative humidity : 56 %
 Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 5: Test Result of Maximum Peak Conducted Output Power

Test Mode	Data Rate	Frequency (MHz)	Measured Power		Limit
			dBm	W	
802.11b	1 Mbps	2412	13.97	0.0249	< 1W(30dBm)
		2437	15.29	0.0338	
		2462	16.61	0.0458	
802.11g	6 Mbps	2412	13.60	0.0229	
		2437	15.06	0.0321	
		2462	15.96	0.0394	
802.11n (HT20)	MCS0 Mbps	2412	12.93	0.0196	
		2437	14.21	0.0264	
		2462	15.38	0.0345	
Maximum Measured Value			16.61	0.0458	

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

5.1.3 Conducted Power Spectral Density

RESULT:
Pass
Test Specification

Test standard	: FCC Part 15.247(e) RSS-247 Clause 5.2(2)
Basic standard	: ANSI C63.10: 2013
Limits	: 8 dBm / 3kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 31.07.2016
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25 °C
Relative humidity	: 56 %
Atmospheric pressure	: 101 kPa

For details refer to following test result.

Table 6: Test Result of Power Spectral Density

Test Mode	Data Rate	Frequency (MHz)	Measured Peak Power Spectral Density (dBm/3KHz)
802.11b	1 Mbps	2412	-7.41
		2437	-6.25
		2462	-4.74
802.11g	6 Mbps	2412	-16.50
		2437	-15.10
		2462	-13.46
802.11n (HT20)	MCS0 Mbps	2412	-15.47
		2437	-14.73
		2462	-14.18
Maximum Measured Value			-4.74

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

For the measurement records, refer to the appendix D.

5.1.4 6dB Bandwidth

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(a)(2)
RSS-247 Clause 5.2(1)

Basic standard : ANSI C63.10: 2013

Limits : > 500 KHz

Kind of test site : Shielded Room

Test Setup

Date of testing : 31.07.2016

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 56 %

Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 7: Test Result of 6dB Bandwidth

Test Mode	Data Rate	Frequency (MHz)	-6dB Bandwidth (MHz)	Limit (kHz)
802.11b	1 Mbps	2412	8.596	> 500
		2437	8.596	
		2462	8.596	
802.11g	6 Mbps	2412	16.459	
		2437	16.459	
		2462	16.459	
802.11n (HT20)	MCS0 Mbps	2412	17.740	
		2437	17.739	
		2462	17.739	
Minimum Measured Value			8.596	

For the measurement records, refer to the appendix D.

5.1.5 99% Bandwidth

RESULT:
Pass
Test Specification

Test standard : RSS-Gen Clause 6.6
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 31.07.2016
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 25 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 8: Test Result of 99% Bandwidth

Test Mode	Data Rate	Frequency (MHz)	99% Bandwidth (MHz)	Limit (kHz)
802.11b	1 Mbps	2412	10.420	Within the frequency band 2400MHz~ 2483.5MHz
		2437	10.507	
		2462	10.550	
802.11g	6 Mbps	2412	16.459	
		2437	16.459	
		2462	16.533	
802.11n (HT20)	MCS0 Mbps	2412	17.740	
		2437	17.740	
		2462	17.740	
Maximum Measured Value			17.740	

For the measurement records, refer to the appendix D.

5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth**RESULT:****Pass****Test Specification**

Test standard : FCC Part 15.247(d)
RSS-247 Clause 5.5

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 : 31.07.2016

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 D.

5.1.7 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) RSS-Gen Table 4 & Table 5
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 09.08.2016 ~ 31.08.2016
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.

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

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

For the measurement records, refer to the appendix E.

5.1.8 Conducted Emission on AC Mains

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

Test standard	: FCC Part 15.207(a) RSS-Gen Clause 8.8
Basic standard	: ANSI C63.10: 2013
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) RSS-Gen Table 3
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 28.08.2016
Operation mode	: B
Earthing	: Not connected
Ambient temperature	: 24 °C
Relative humidity	: 53 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix E.

6 Photographs of the Test Set-Up

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

Please refer to TÜV Rheinland report 50055846 002 for more details.

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

Please refer to TÜV Rheinland report 50055846 002 for more details.

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

Please refer to TÜV Rheinland report 50055846 002 for more details.

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

Please refer to TÜV Rheinland report 50055846 002 for more details.

Photograph 5: Set-up for Conducted Emission on AC Mains

Please refer to TÜV Rheinland report 50055846 002 for more details.

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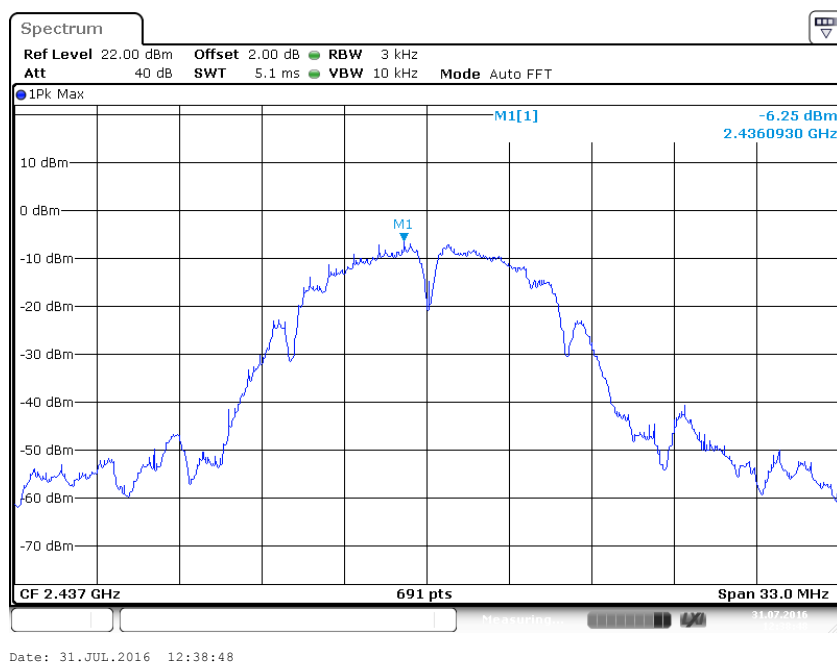
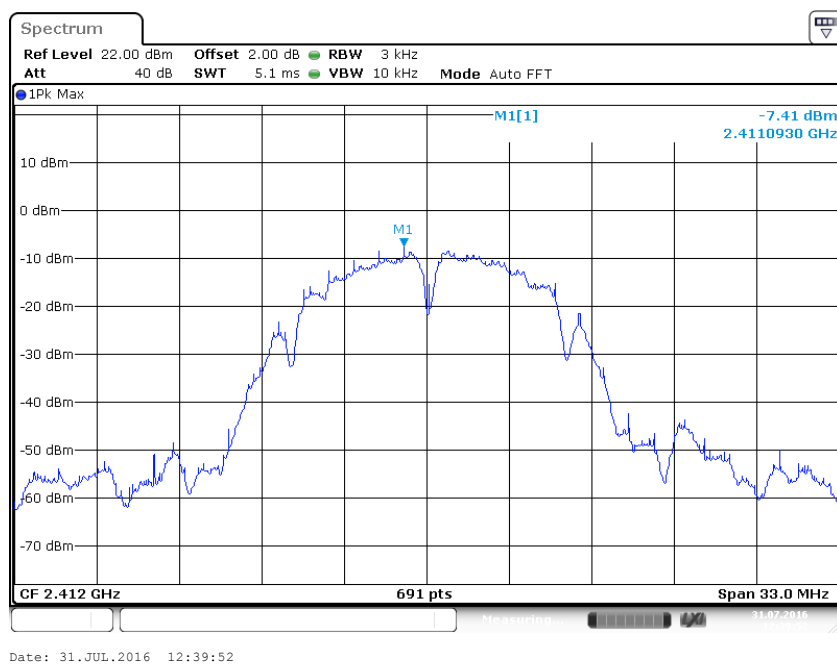
Appendix D

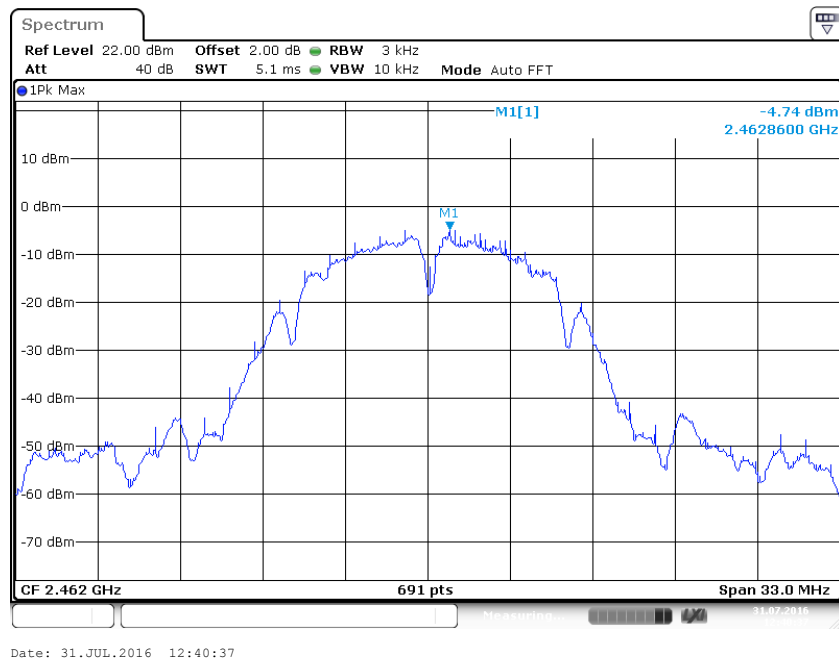
Test Results of Wi-Fi 802.11b/g/n of Conducted Testing

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<i>Wi-Fi 802.11 g mode, 6 Mbps</i>	18
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<i>Wi-Fi 802.11 g mode, Band Edge</i>	22
<i>Wi-Fi 802.11 n(HT20) mode, Band Edge</i>	23

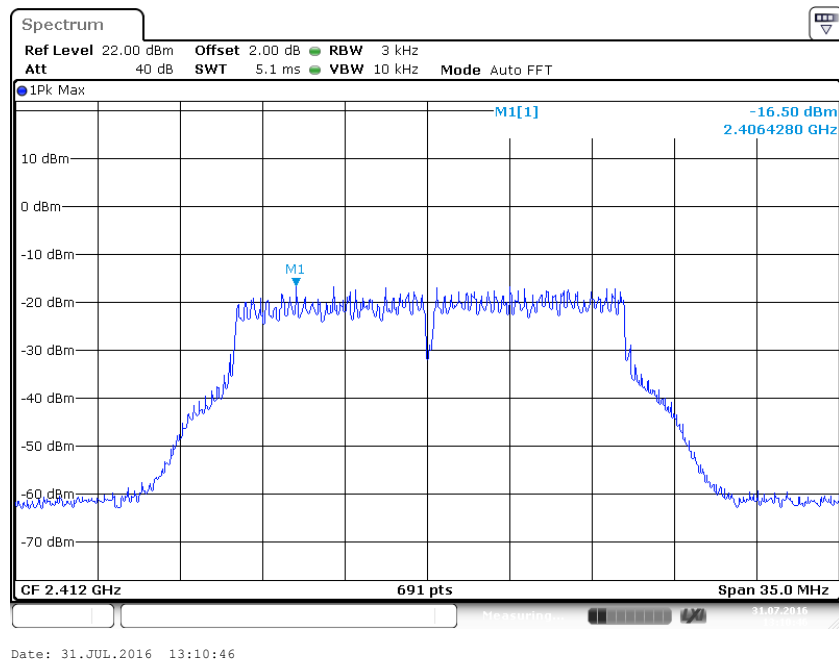
Appendix D.1: Conducted Power Spectral Density

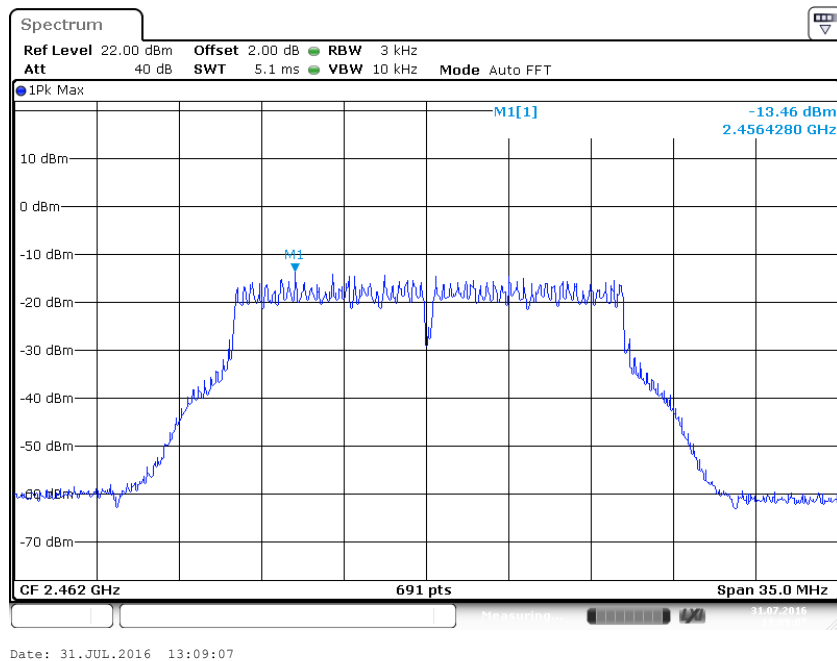
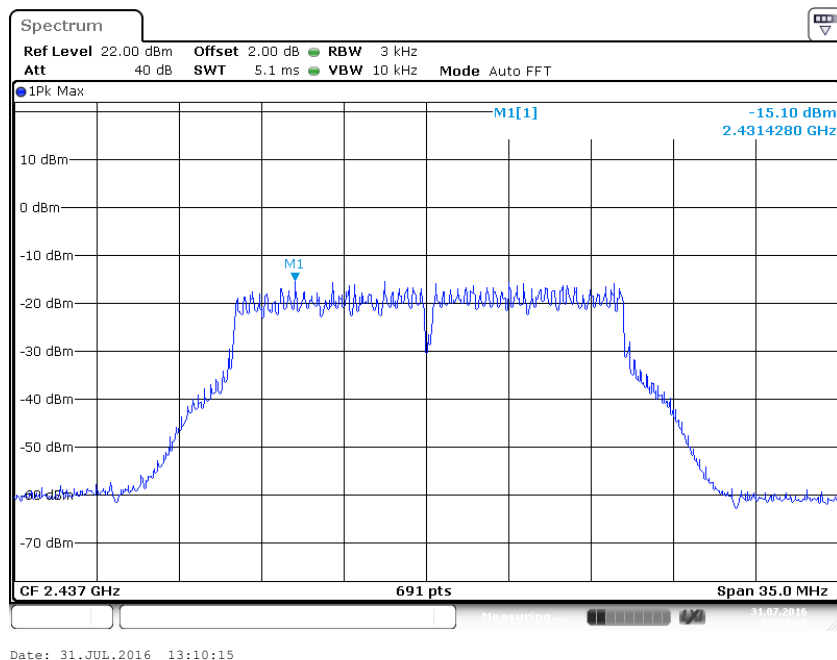
Wi-Fi 802.11 b mode, 1 Mbps



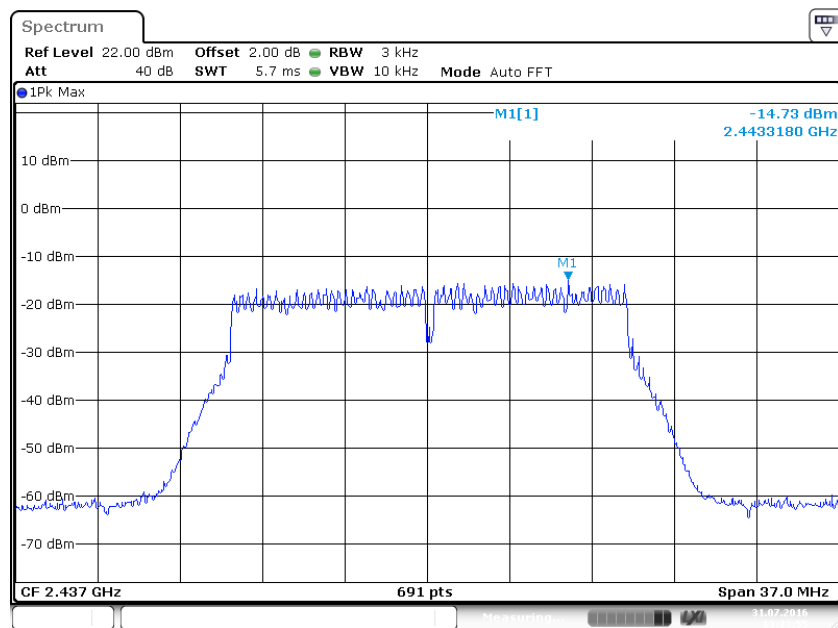
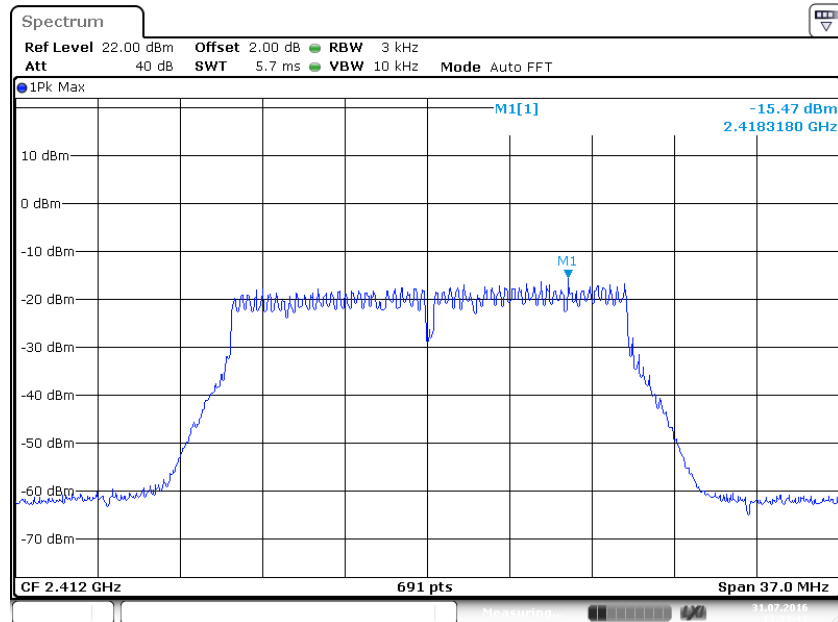


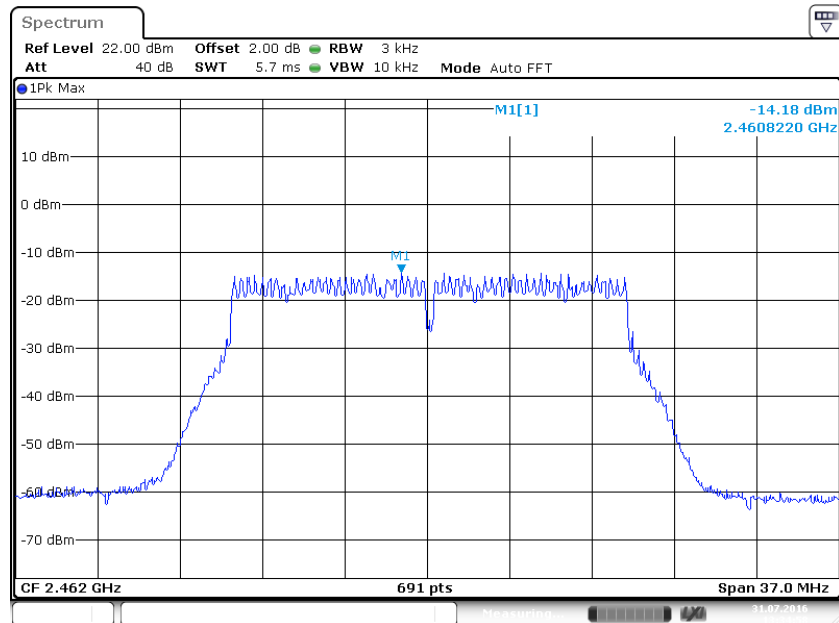
Wi-Fi 802.11 g mode, 6 Mbps





Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps

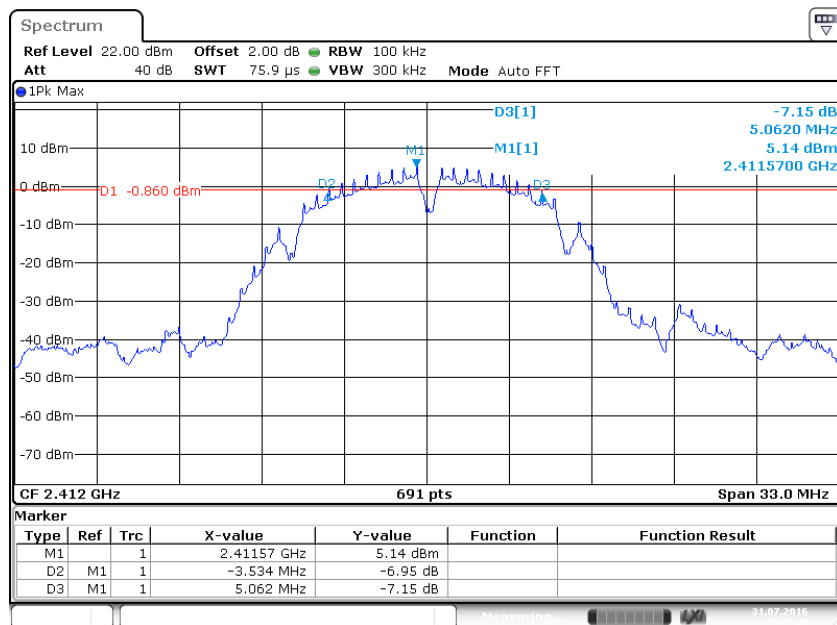




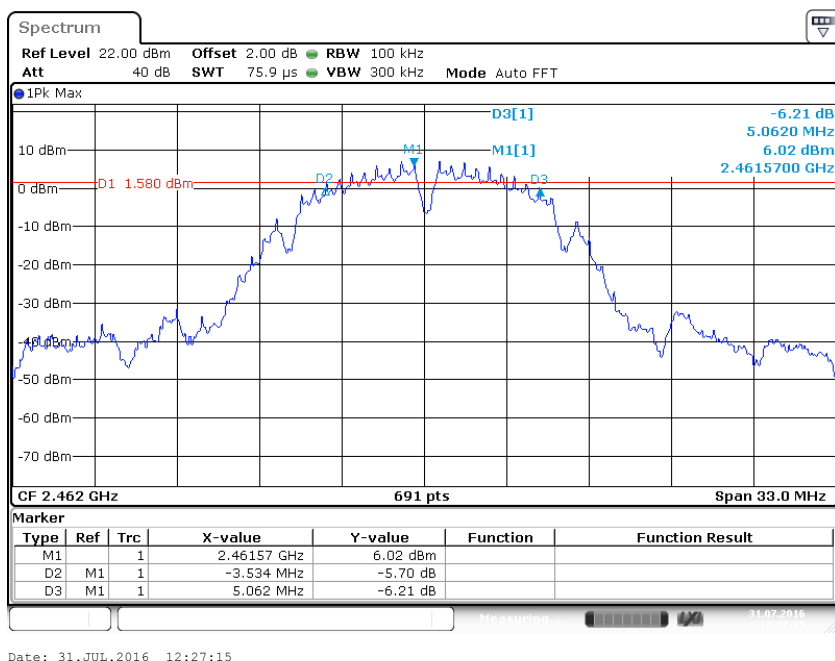
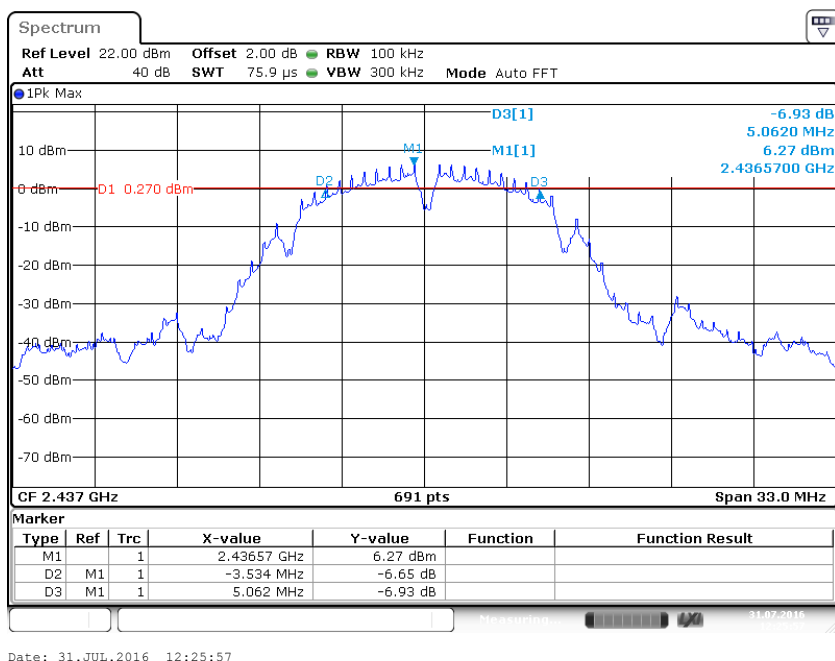
Date: 31.JUL.2016 13:34:58

Appendix D.2: 6dB Bandwidth

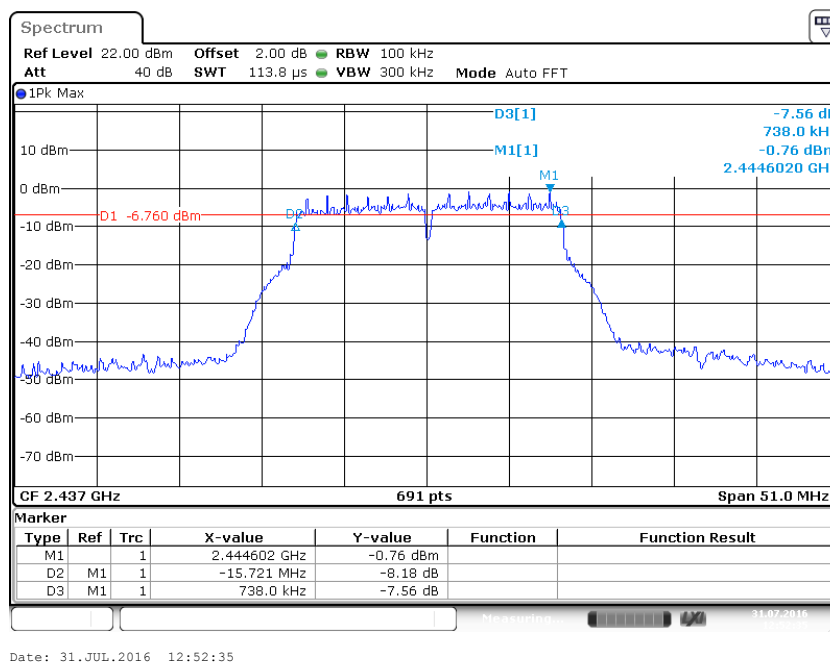
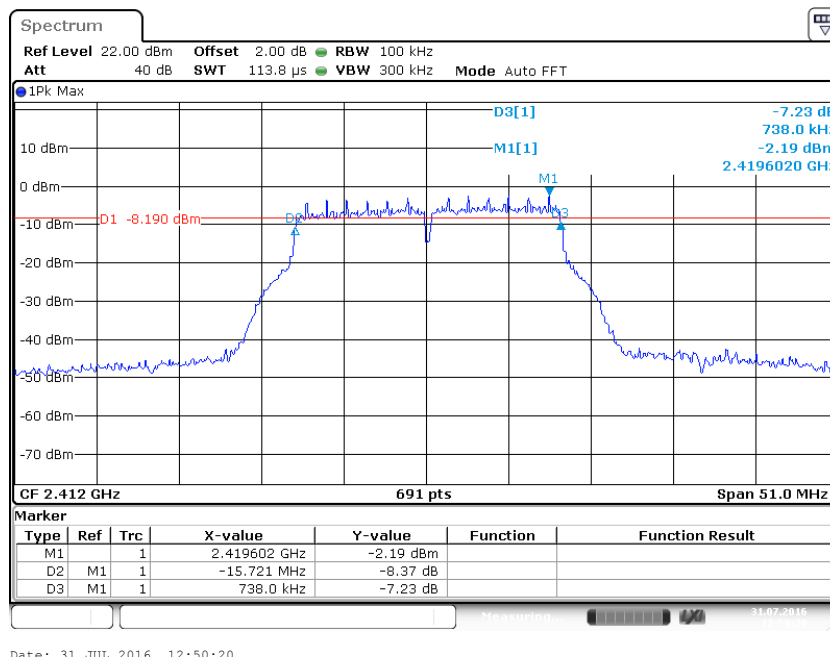
Wi-Fi 802.11 b mode, 1 Mbps

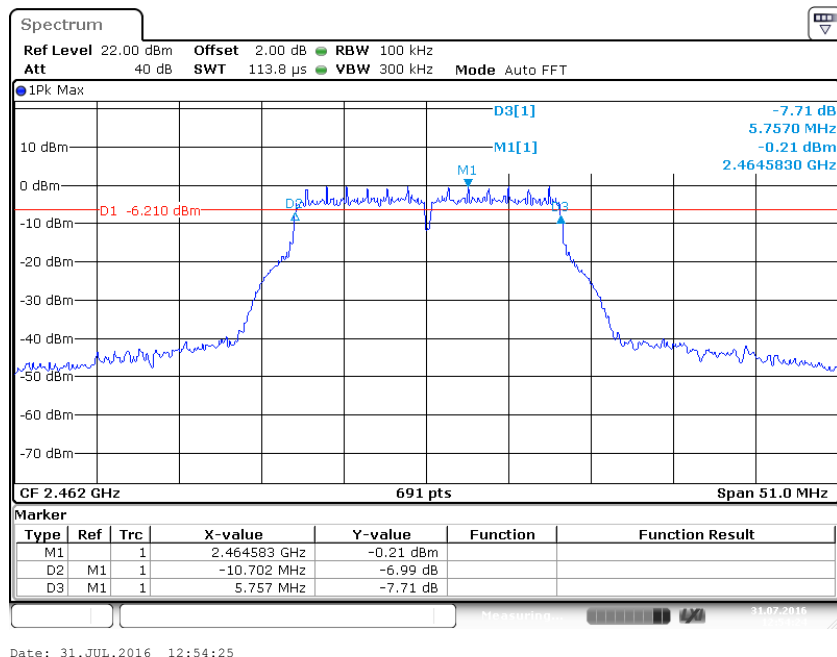


Date: 31.JUL.2016 12:23:48

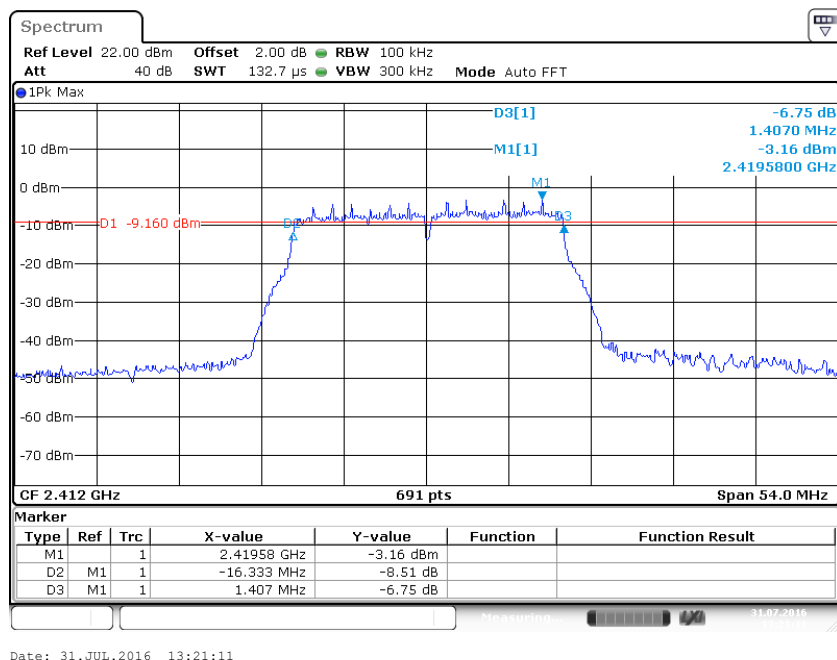


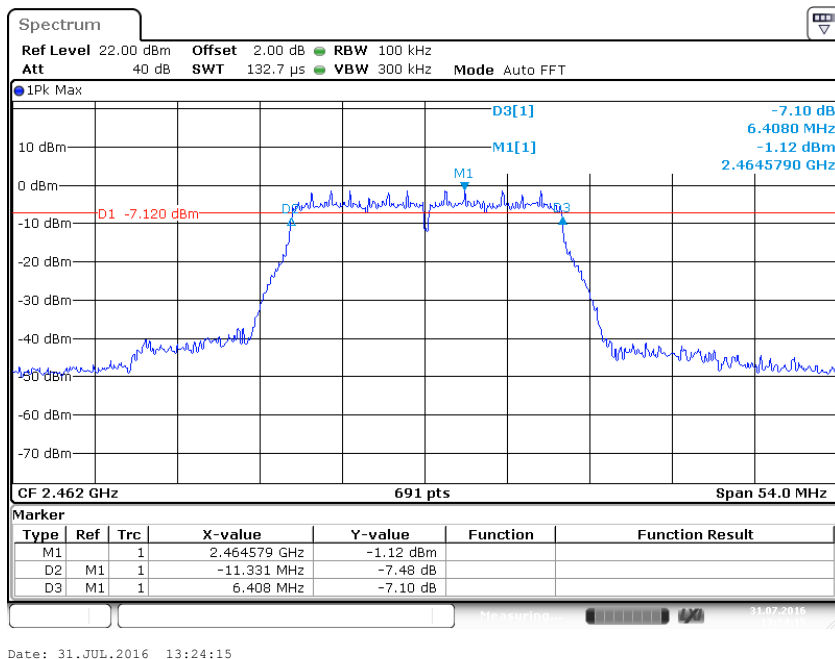
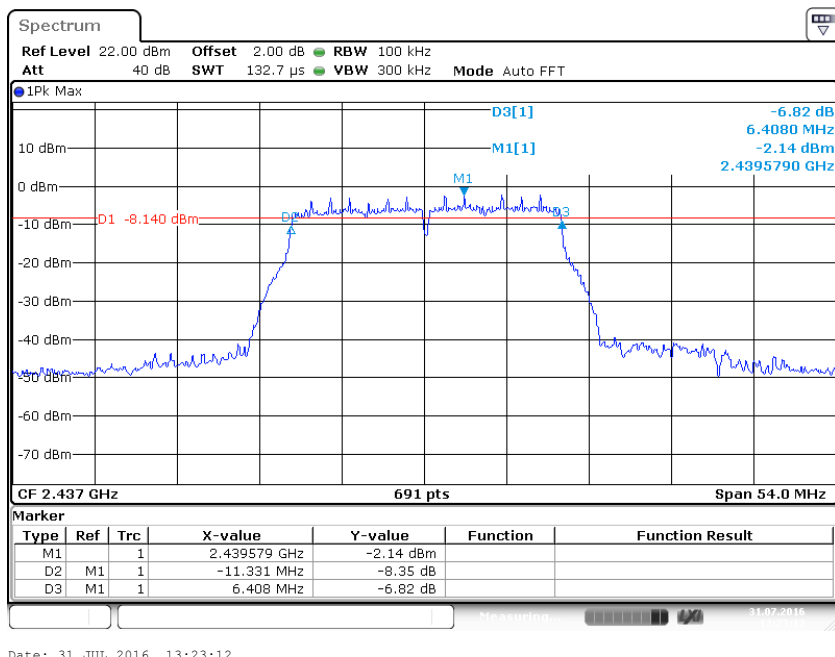
Wi-Fi 802.11 g mode, 6 Mbps





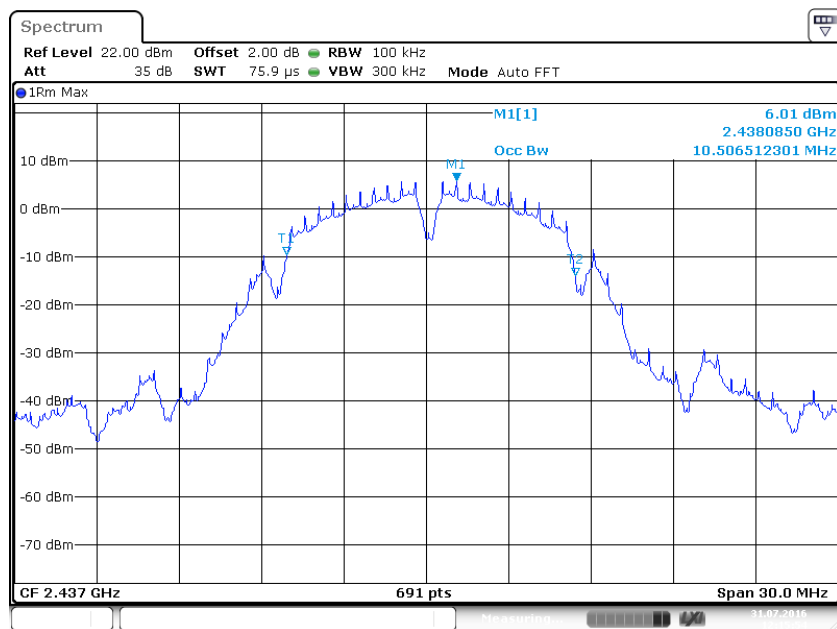
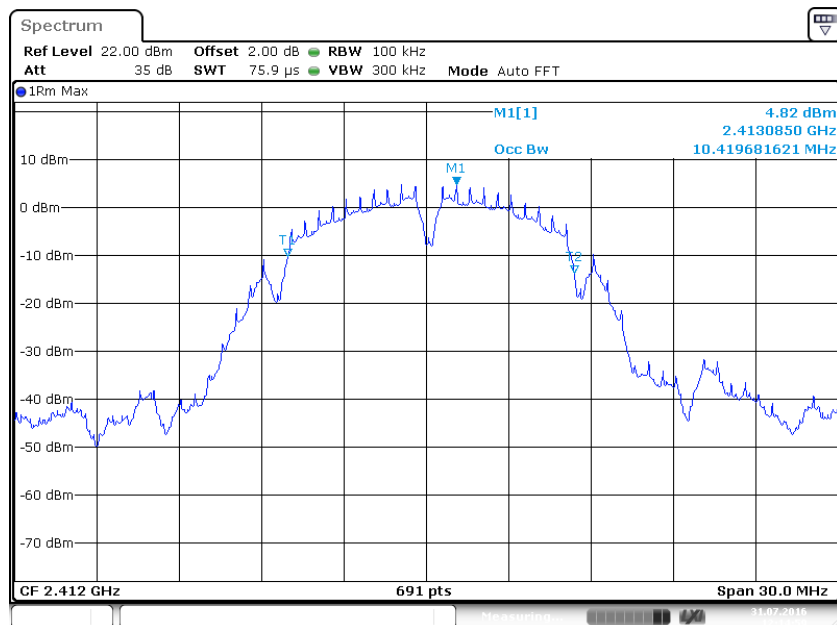
Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps

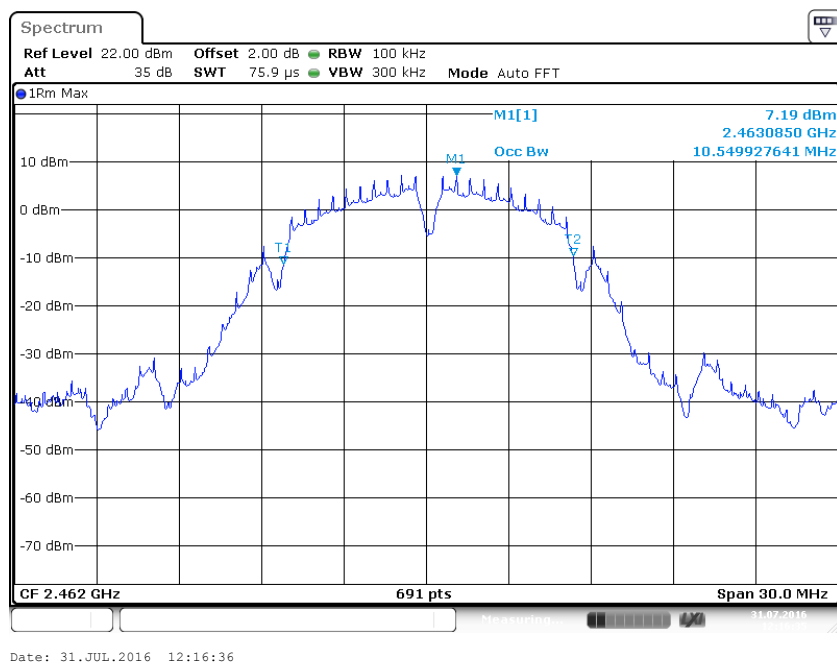




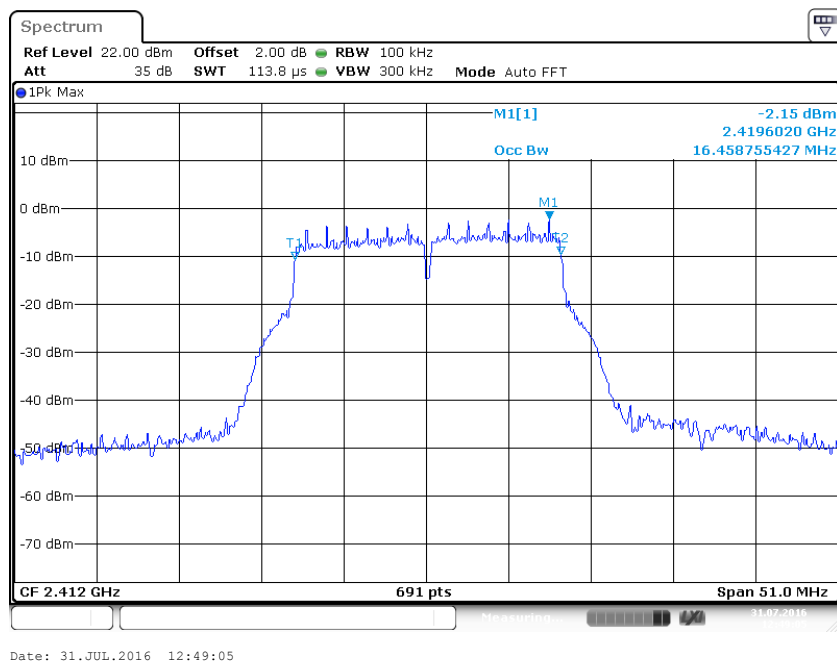
Appendix D.3: 99% Bandwidth

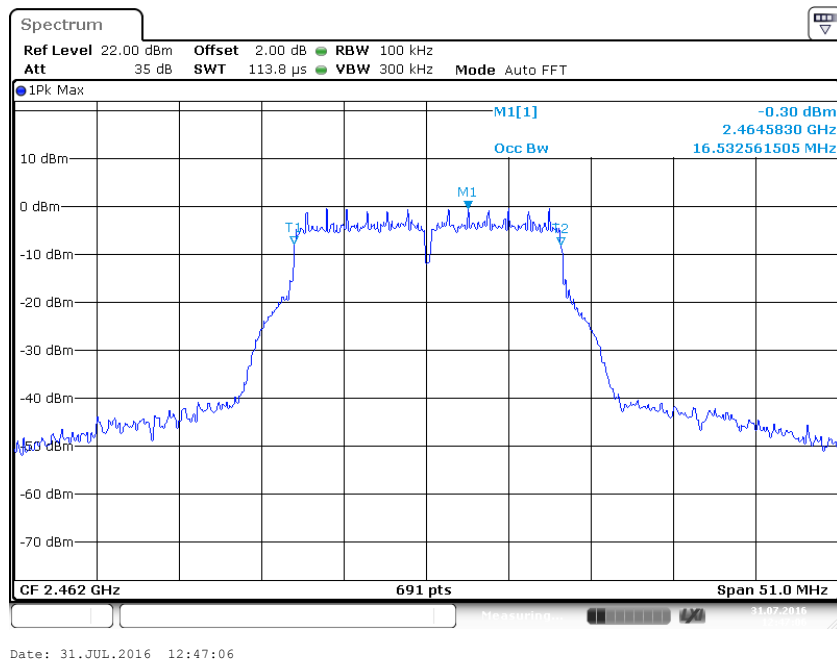
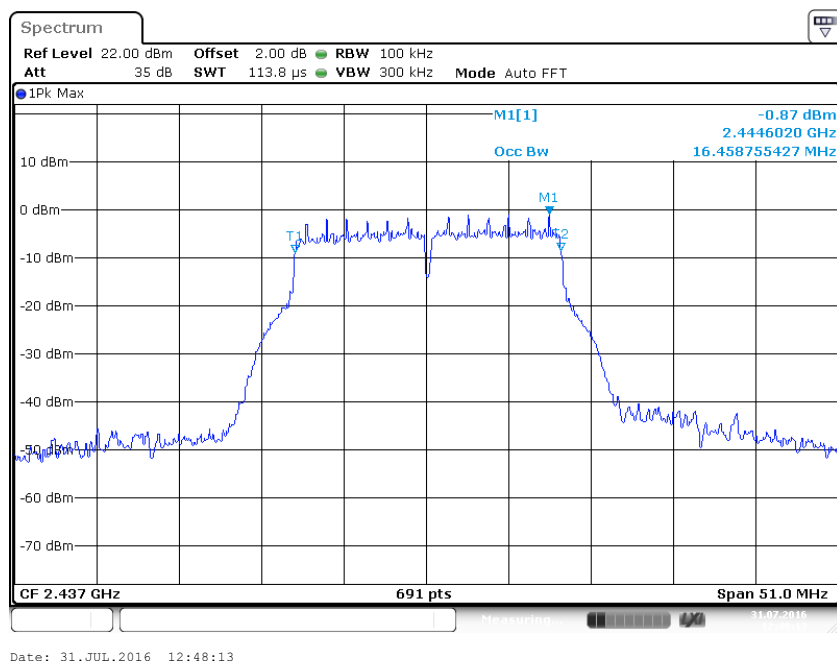
Wi-Fi 802.11 b mode, 1 Mbps



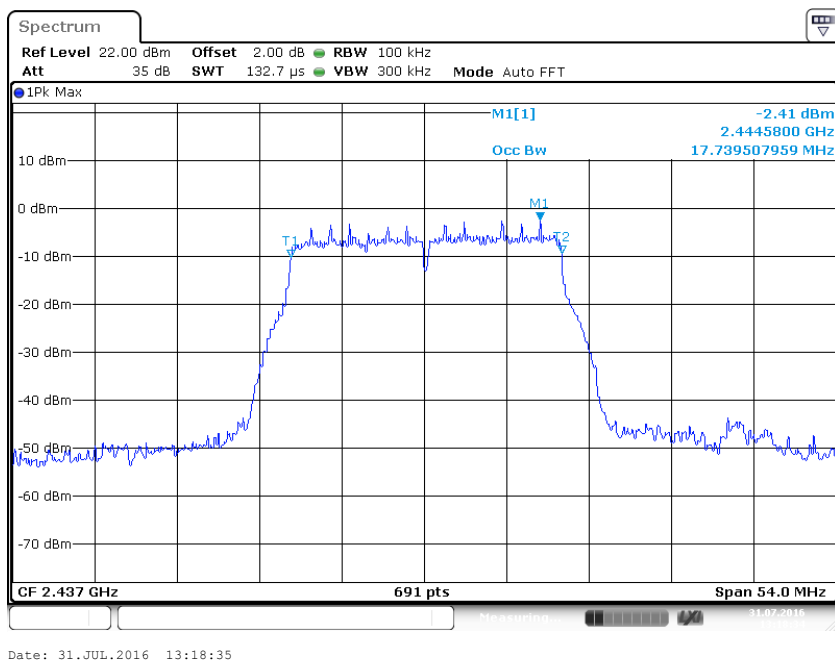
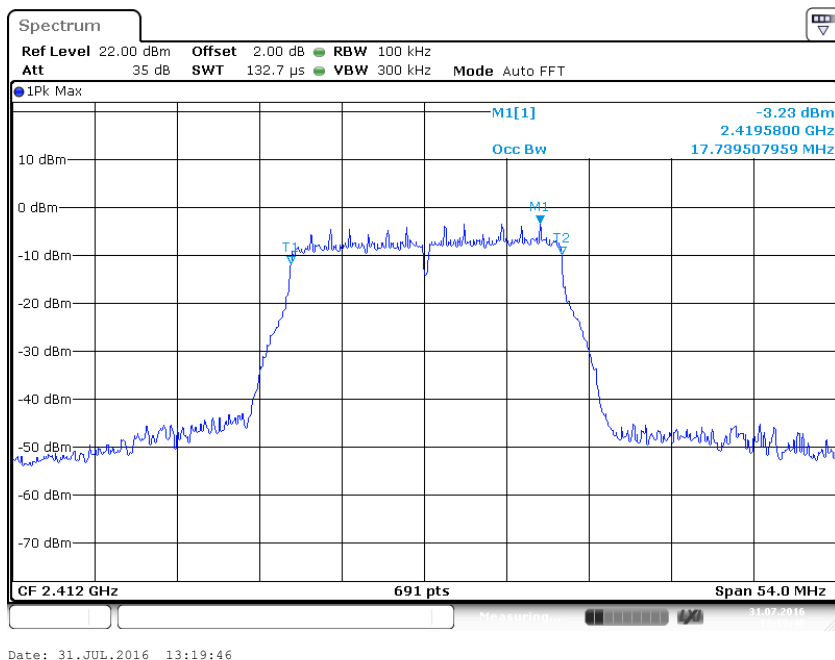


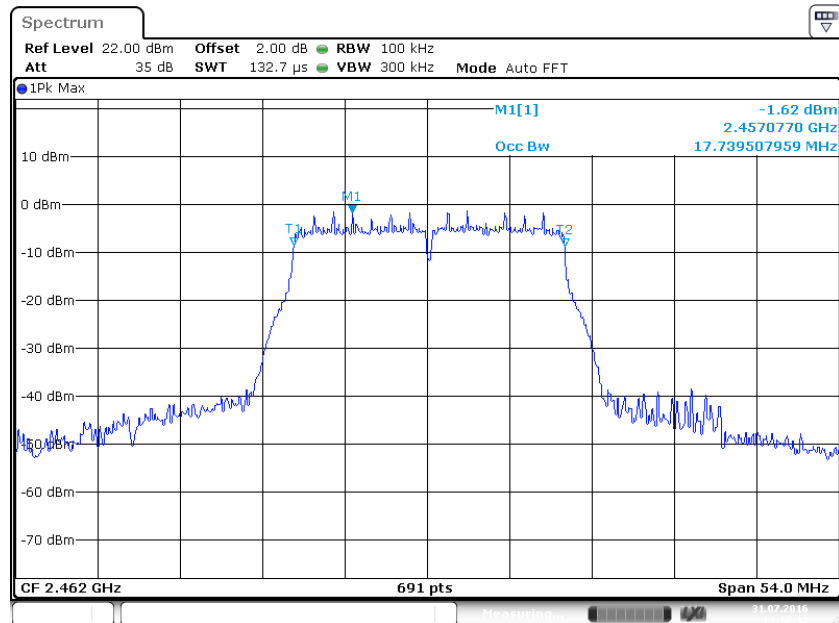
Wi-Fi 802.11 g mode, 6 Mbps





Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps

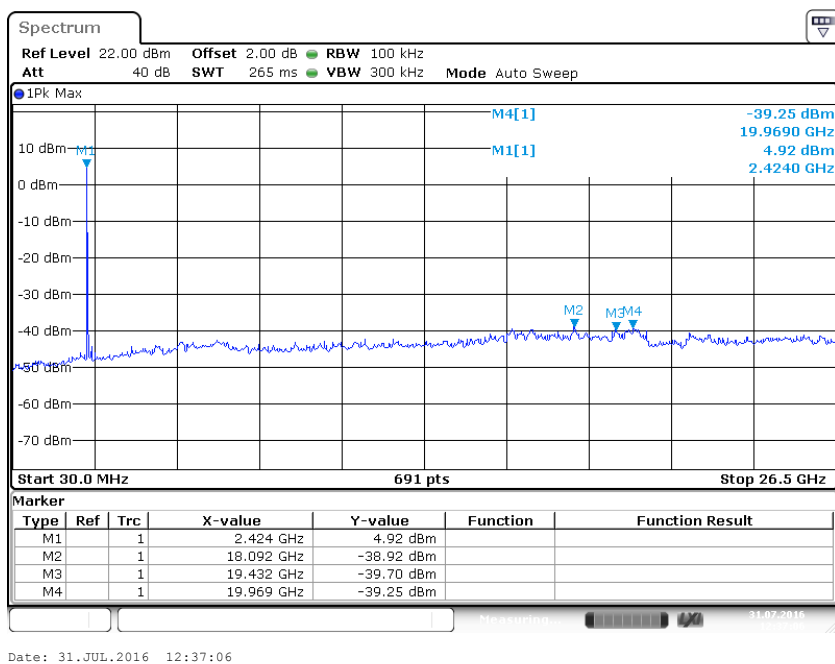
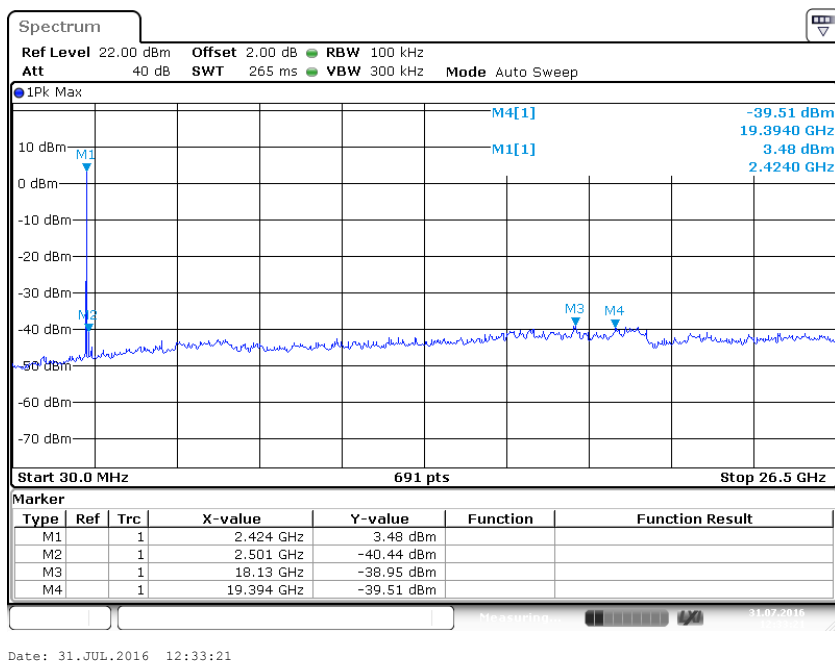


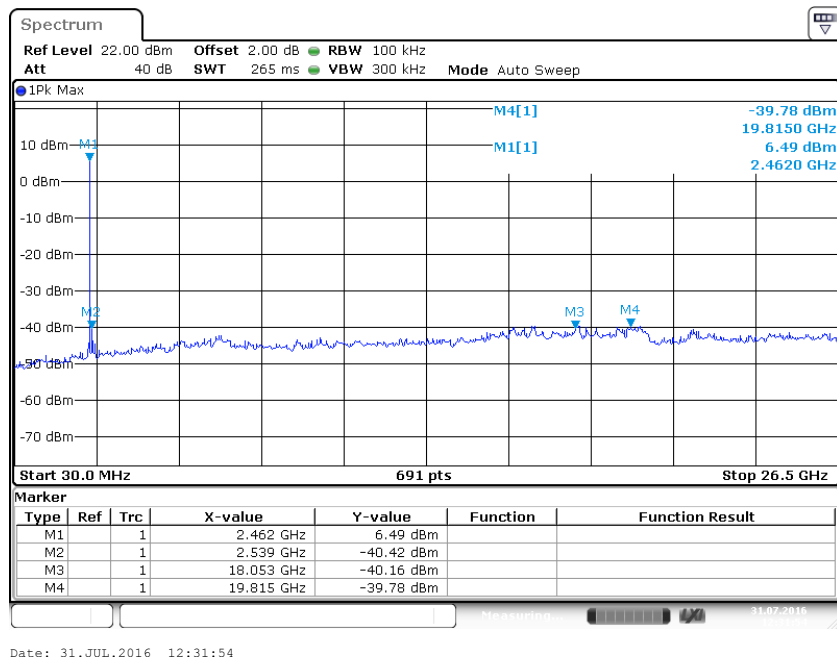


Date: 31.JUL.2016 13:17:32

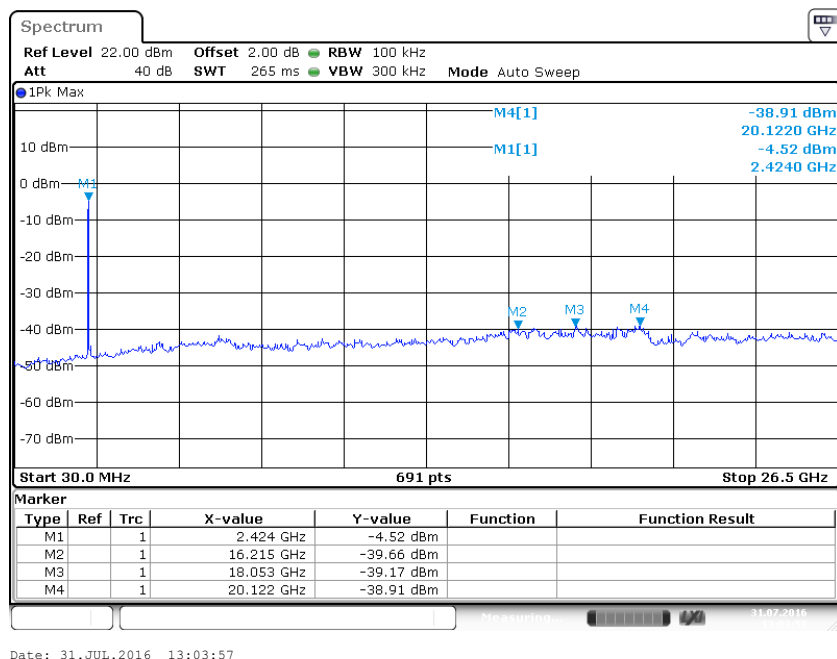
Appendix D.4: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

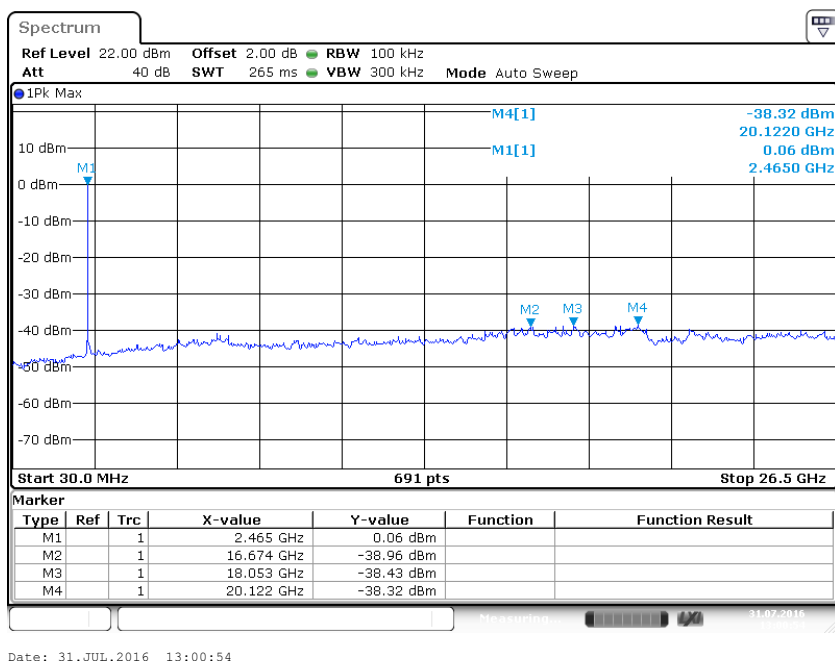
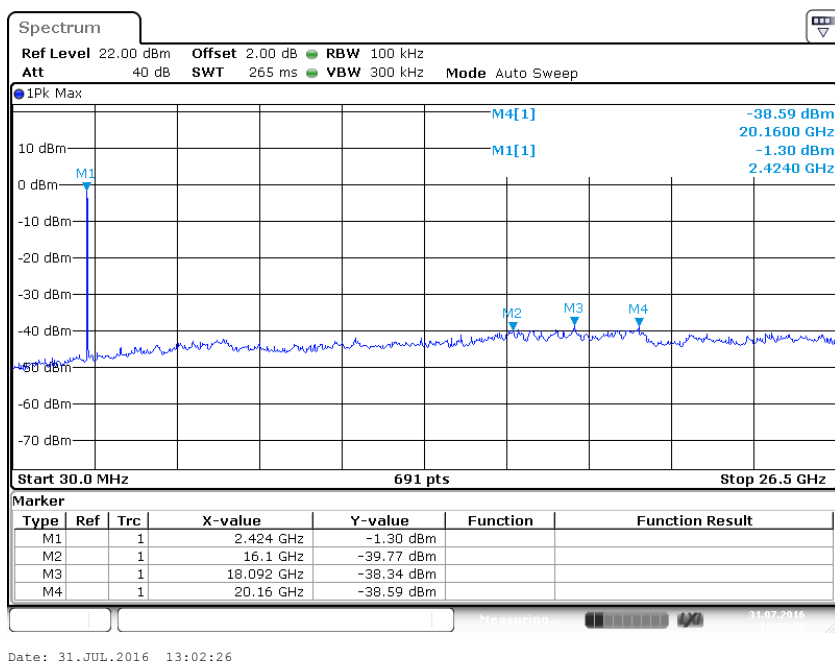
Wi-Fi 802.11 b mode, 1 Mbps



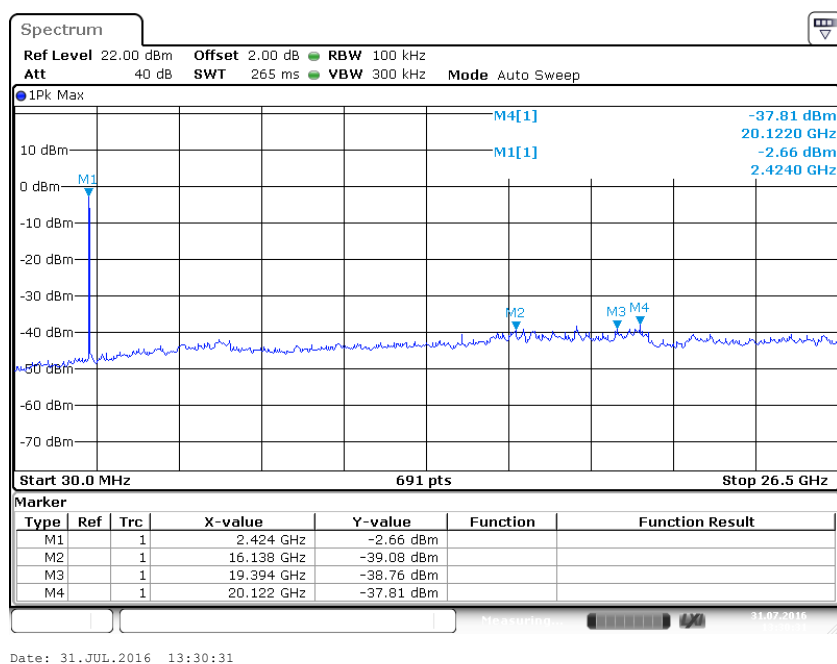
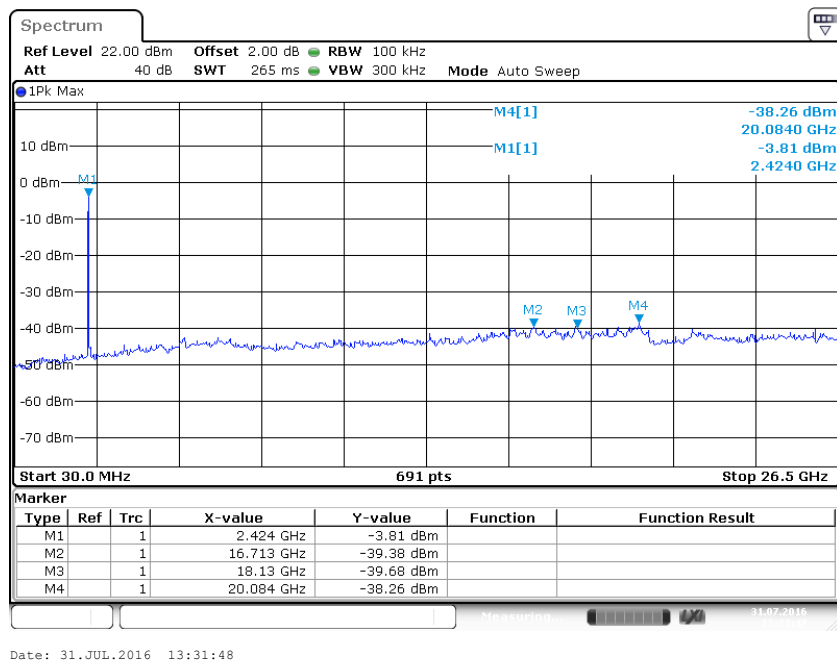


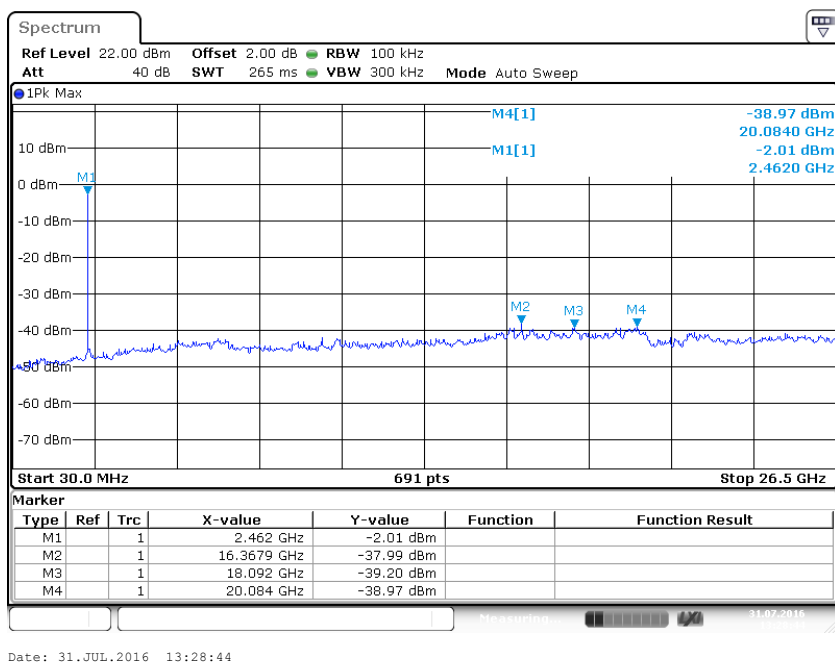
Wi-Fi 802.11 g mode, 6 Mbps



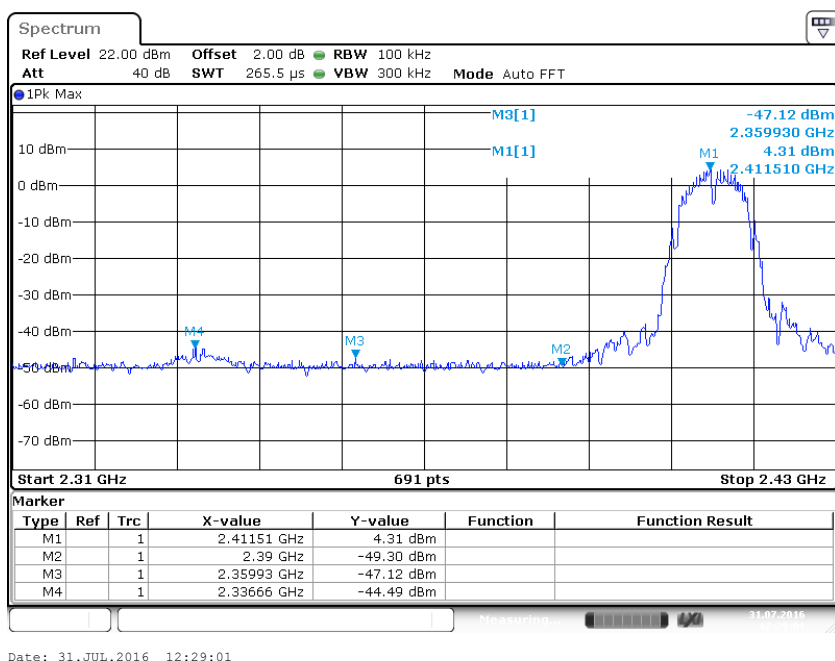


Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps



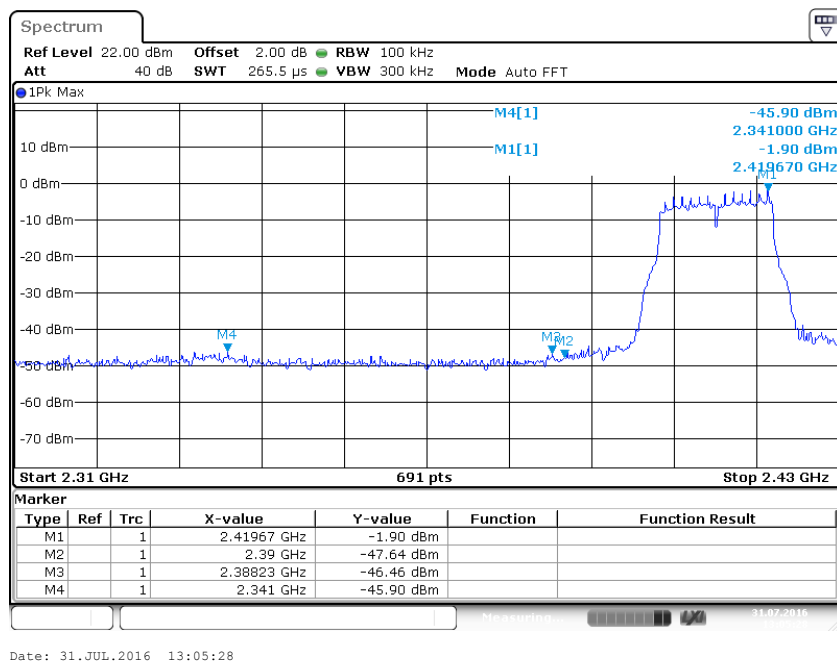


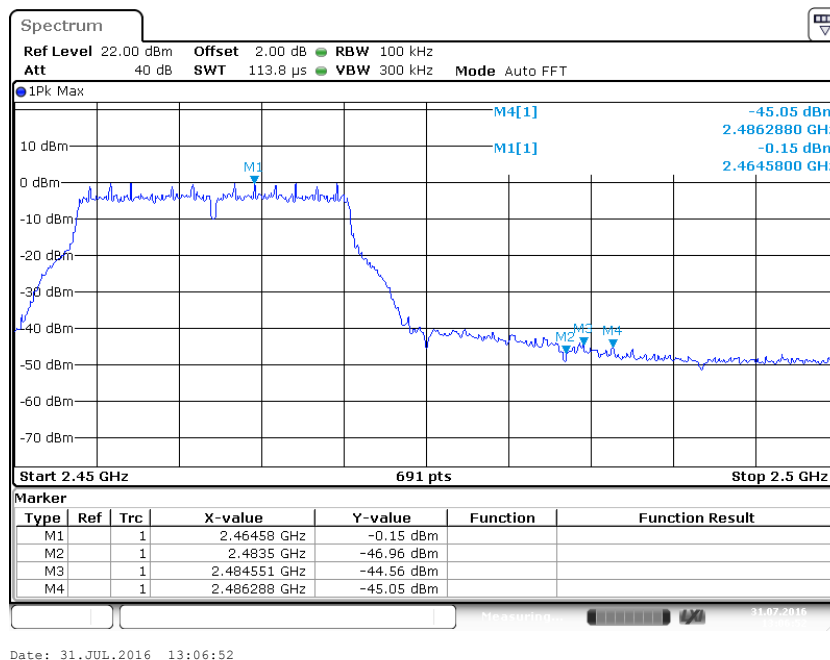
Wi-Fi 802.11 b mode, Band Edge



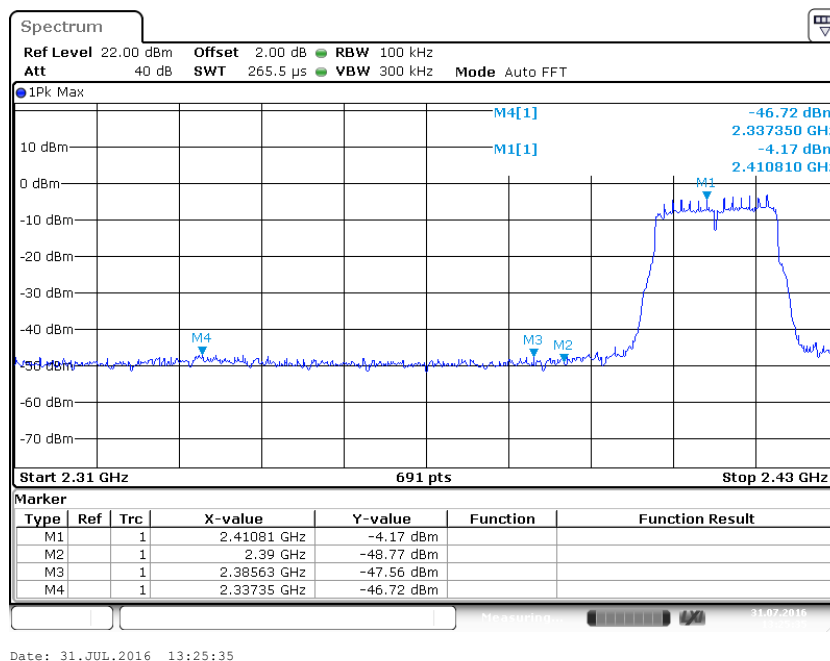


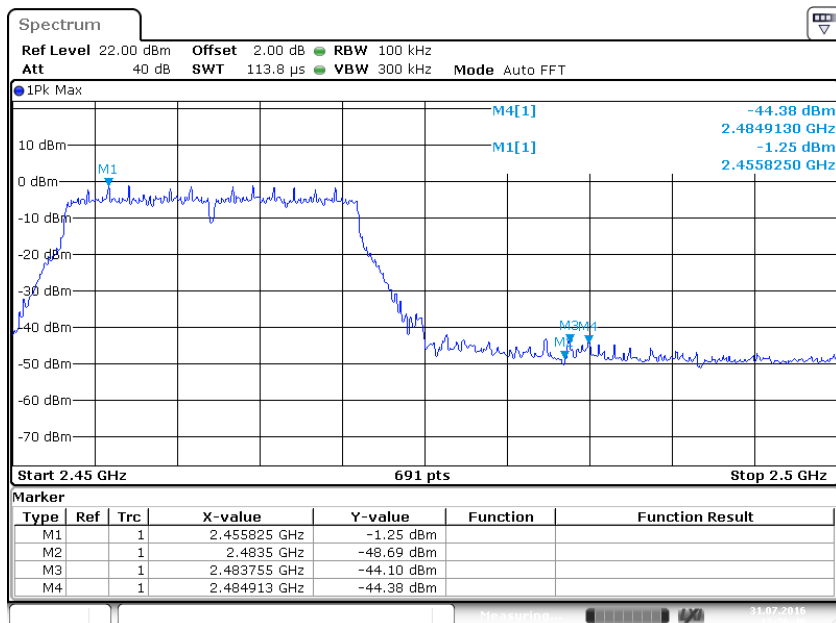
Wi-Fi 802.11 g mode, Band Edge





Wi-Fi 802.11 n(HT20) mode, Band Edge





Date: 31.JUL.2016 13:26:49

Appendix E

Test Results of Wi-Fi 802.11b/g/n(HT20) of Radiated Emission and Conducted Emission Testing

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APPENDIX E.2: RADIATED EMISSIONS IN RESTRICTED BANDS NEAR THE BAND EDGE	65
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<i>B mode</i>	77

NOTE

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.

Appendix E.1: Radiated Spurious Emissions

Wi-Fi 802.11 b mode, 1 Mbps

9KHz - 30MHz

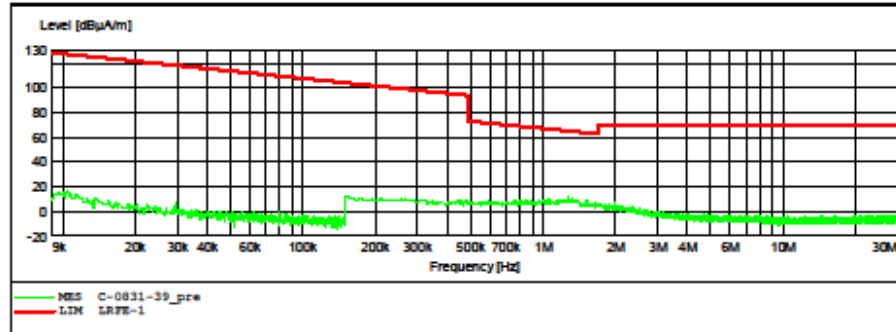
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-8-31 /

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



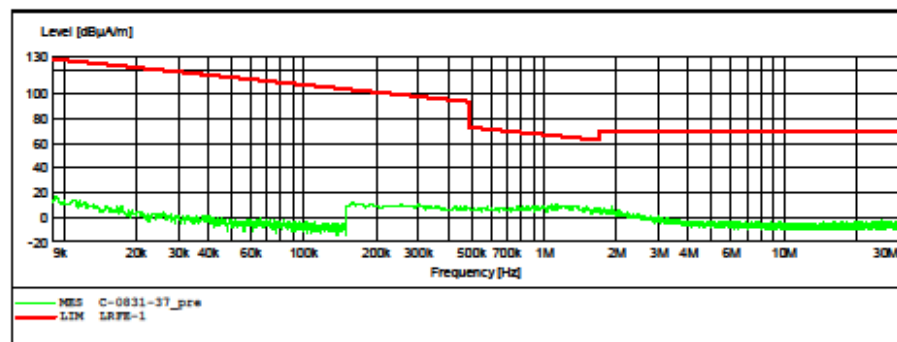
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-8-31 /

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



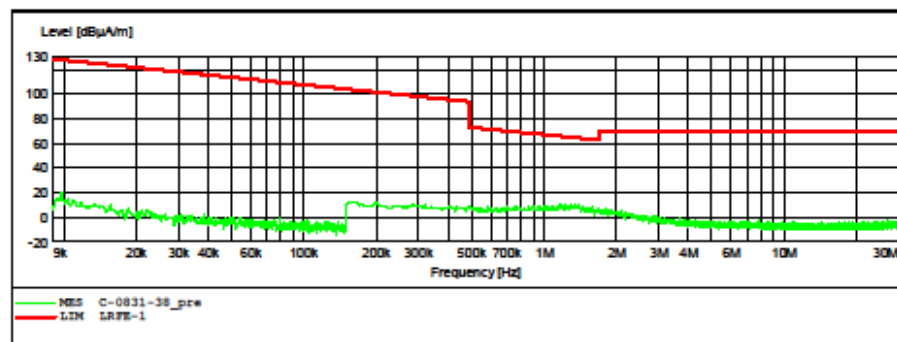
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-8-31 /

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



30MHz - 1GHz



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Site: 2# Chamber

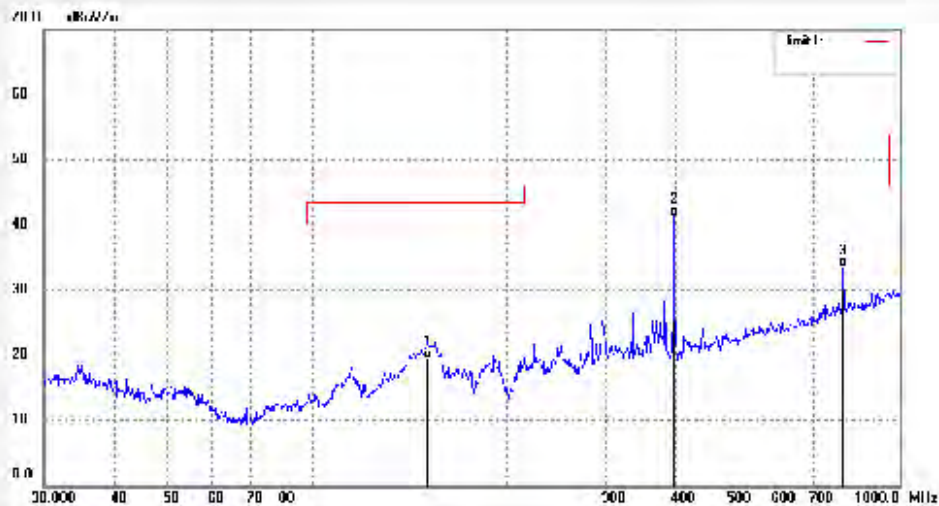
Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: PHY #2825
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 18/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	144.3348	35.70	-18.23	19.47	43.50	-24.03	QP			
2	396.2414	49.38	-7.97	41.41	46.00	-4.59	QP			
3	793.3958	34.67	-1.12	33.55	46.00	-12.45	QP			



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Site: 2# Chamber

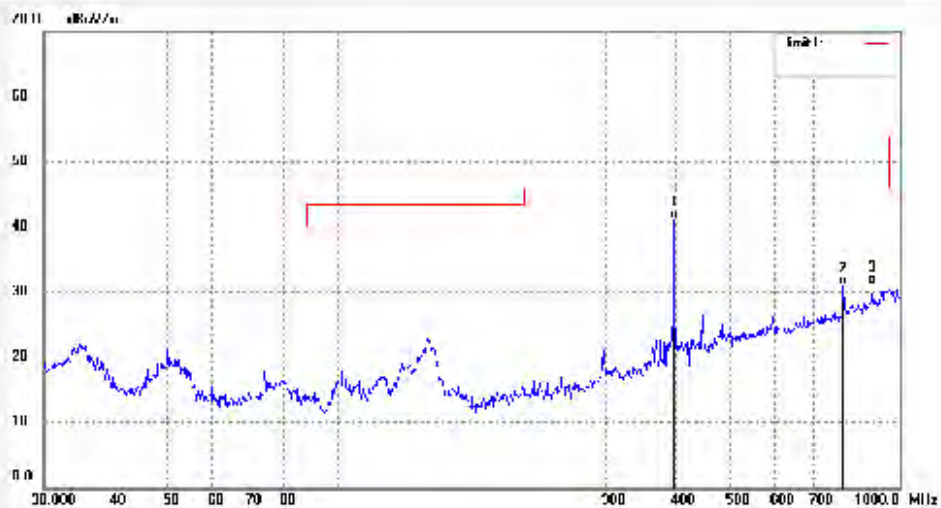
Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: PHY #2826
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	49.10	-7.97	41.13	46.00	-4.87	QP			
2	793.3958	32.18	-1.12	31.06	46.00	-14.94	QP			
3	893.8567	30.91	0.26	31.17	46.00	-14.83	QP			



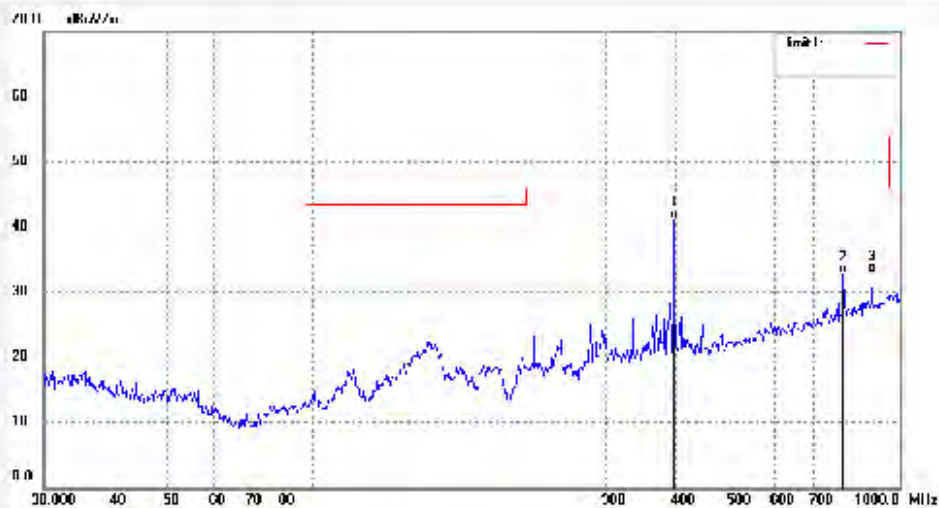
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2821
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	49.25	-7.97	41.28	46.00	-4.72	QP			
2	793.3958	33.89	-1.12	32.77	46.00	-13.23	QP			
3	893.8567	32.73	0.26	32.99	46.00	-13.01	QP			



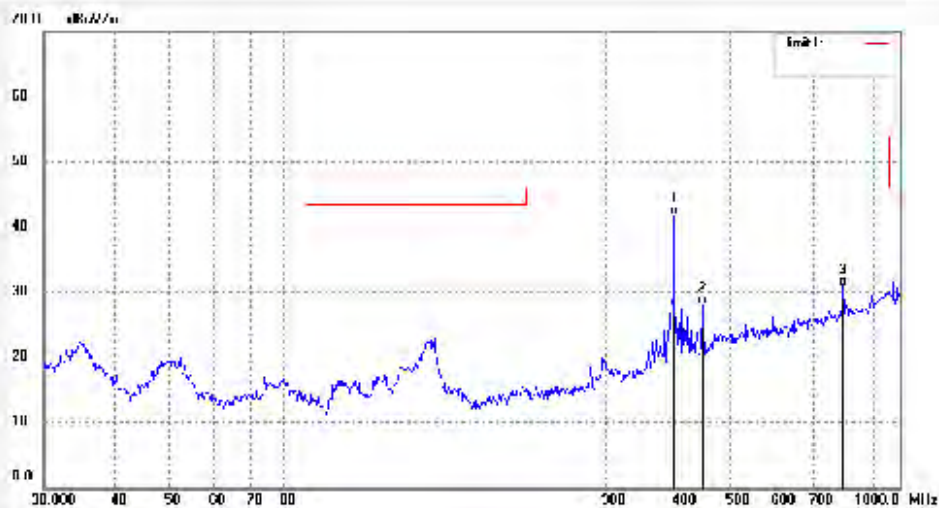
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2822
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	49.77	-7.97	41.80	46.00	-4.20	QP			
2	446.4141	34.98	-6.84	28.14	46.00	-17.86	QP			
3	793.3958	31.94	-1.12	30.82	46.00	-15.18	QP			



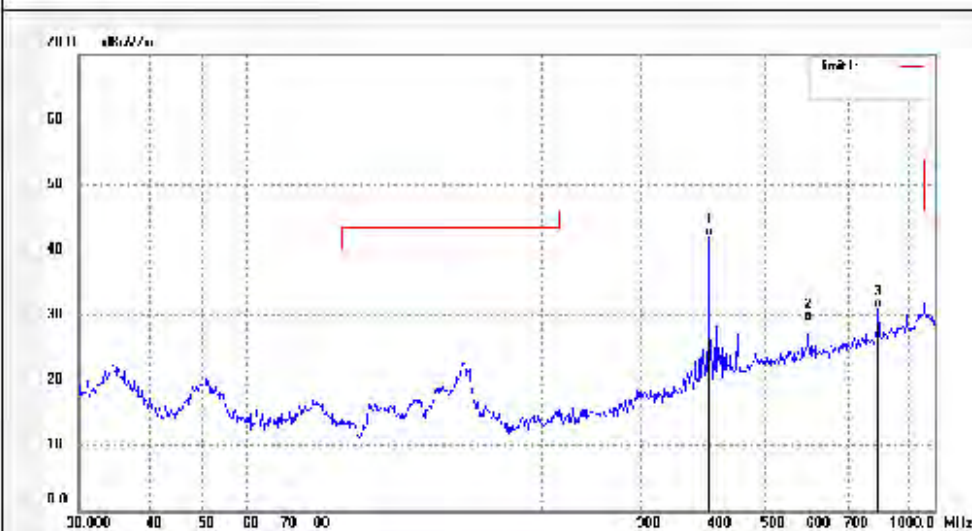
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2823
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	50.04	-7.97	42.07	46.00	-3.93	QP			
2	595.1327	33.12	-4.02	29.10	46.00	-16.90	QP			
3	793.3958	32.10	-1.12	30.98	46.00	-15.02	QP			



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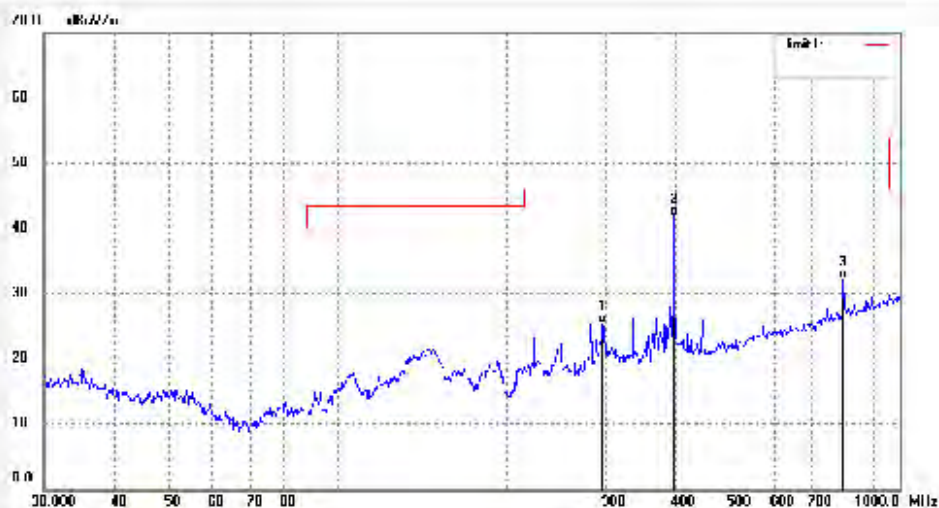
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2824
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	296.1836	35.91	-10.38	25.55	46.00	-20.45	QP			
2	396.2414	49.85	-7.97	41.88	46.00	-4.12	QP			
3	793.3958	33.44	-1.12	32.32	46.00	-13.68	QP			

1GHz - 18GHz



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Site: 2# Chamber

Tel:+86-0755-28503290

Fax:+86-0755-28503398

Job No.: PHY #2611

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: ContextMedia Health

Mode: TX 2462MHz

Model: P-TAB-104-ELC-01

Manufacturer: ContextMedia LLC

Polarization: Vertical

Power Source: AC 120V/60Hz

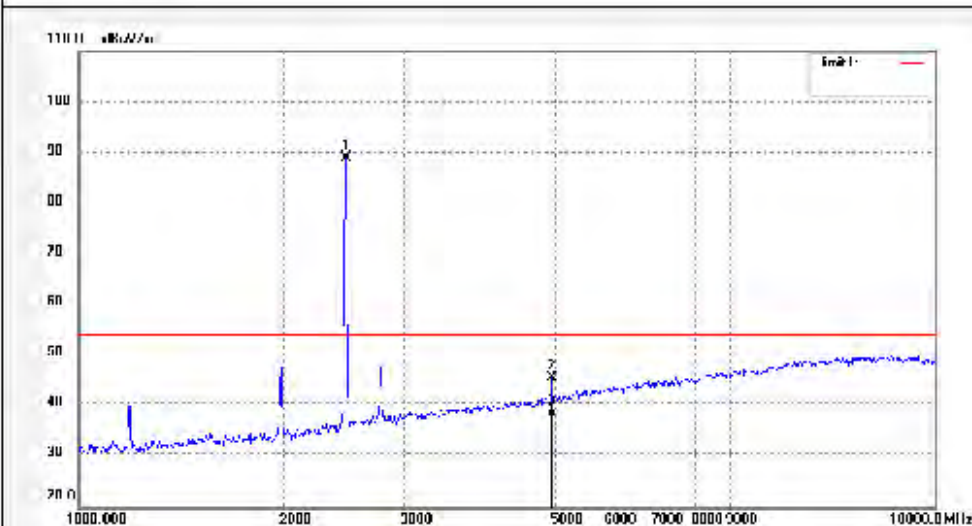
Date: 16/08/09/

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	96.28	-7.35	88.93	/	/	peak			
2	4924.285	45.28	0.34	45.62	74.00	-28.38	peak			
3	4924.285	37.25	0.34	37.59	54.00	-16.41	AVG			



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Site: 2# Chamber

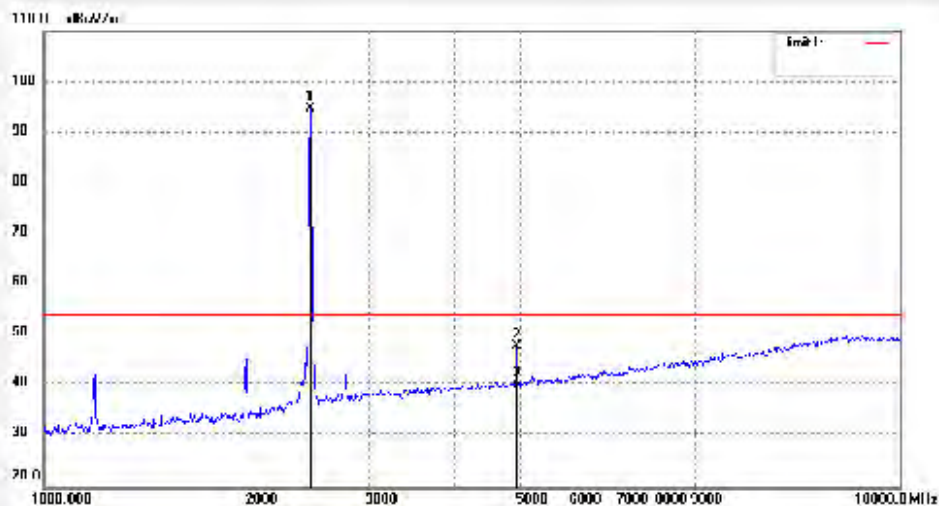
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2612
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	101.99	-7.35	94.64	/	/	peak			
2	4924.273	47.53	0.34	47.87	74.00	-26.13	peak			
3	4924.273	39.22	0.34	39.56	54.00	-14.44	AVG			



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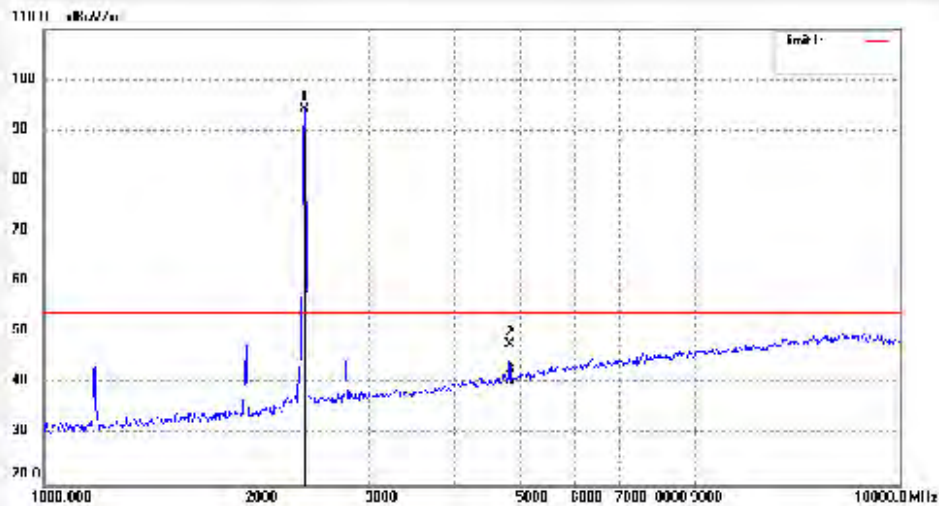
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2805
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	101.81	-7.43	94.18	/	/	peak			
2	4824.235	47.99	-0.19	47.80	74.00	-26.20	peak			
3	4824.235	39.84	-0.19	39.65	54.00	-14.35	AVG			



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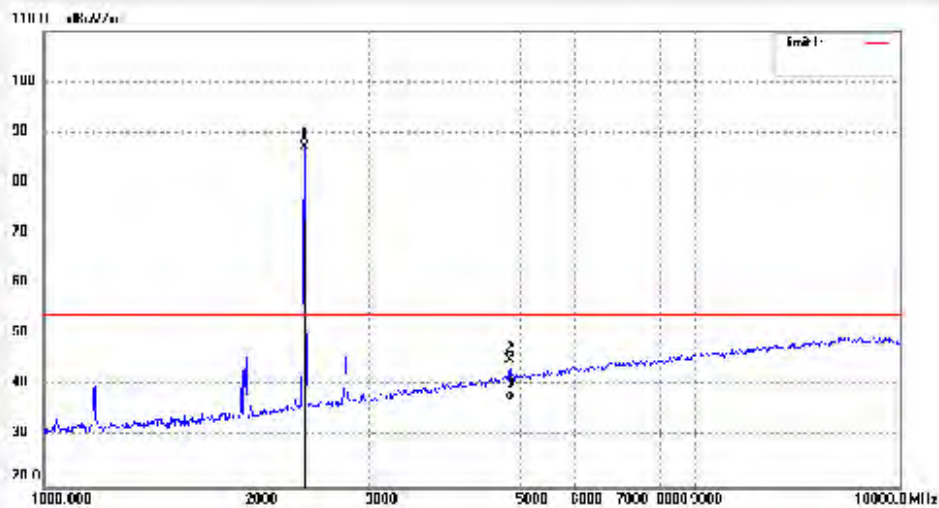
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2806
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	94.51	-7.43	87.08	/	/	peak			
2	4824.256	45.34	-0.19	45.15	74.00	-28.85	peak			
3	4824.256	37.42	-0.19	37.23	54.00	-16.77	AVG			



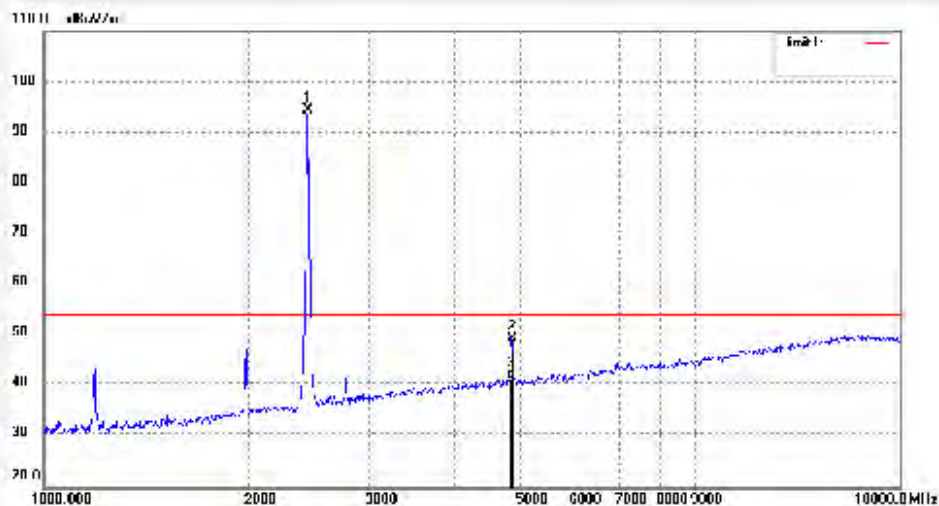
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2609
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	101.85	-7.38	94.29	/	/	peak			
2	4874.240	49.26	0.09	49.35	74.00	-24.85	peak			
3	4874.240	41.24	0.09	41.33	54.00	-12.67	AVG			



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Site: 2# Chamber

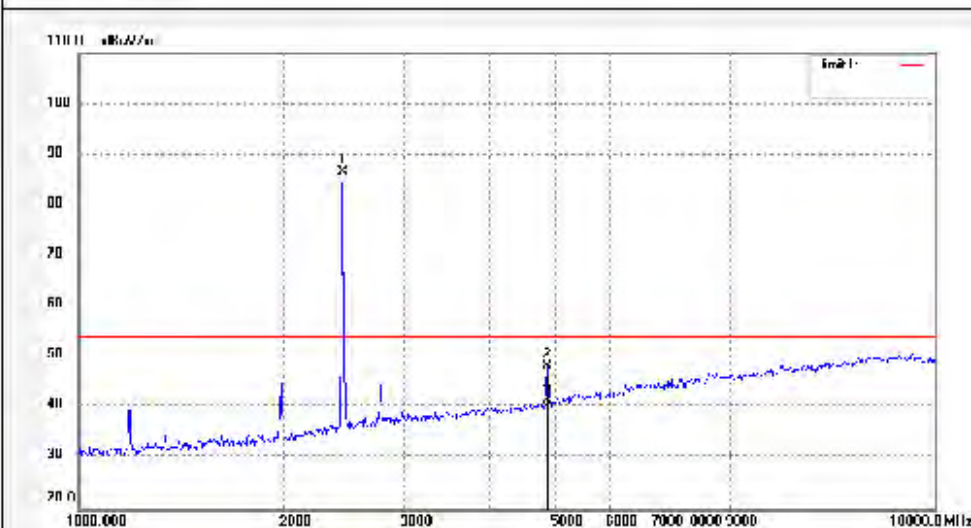
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2610
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	93.88	-7.38	86.52	/	/	peak			
2	4874.253	48.04	0.09	48.13	74.00	-25.87	peak			
3	4874.253	40.11	0.09	40.20	54.00	-13.80	AVG			

18GHz - 26GHz



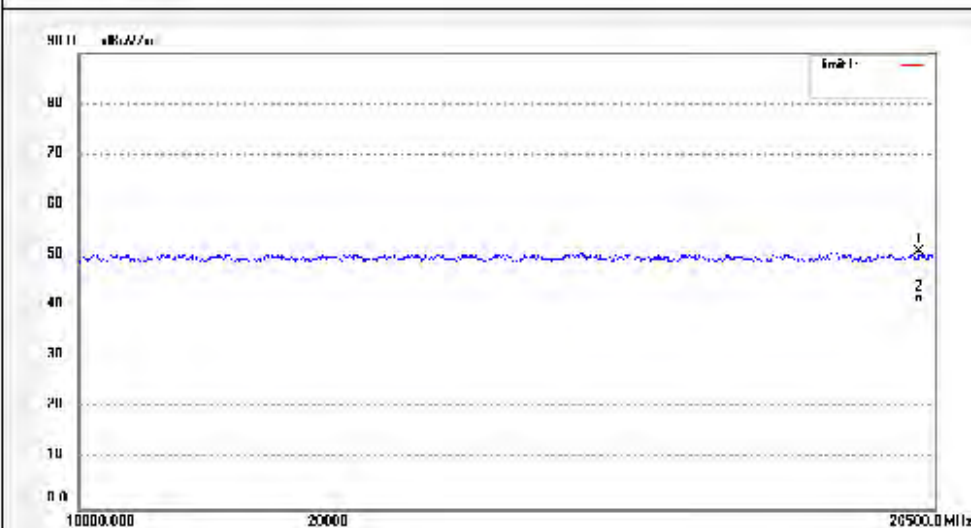
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2617
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26316.150	34.18	16.50	50.68	74.00	-23.32	peak			
2	26316.150	24.01	16.50	40.51	54.00	-13.49	AVG			



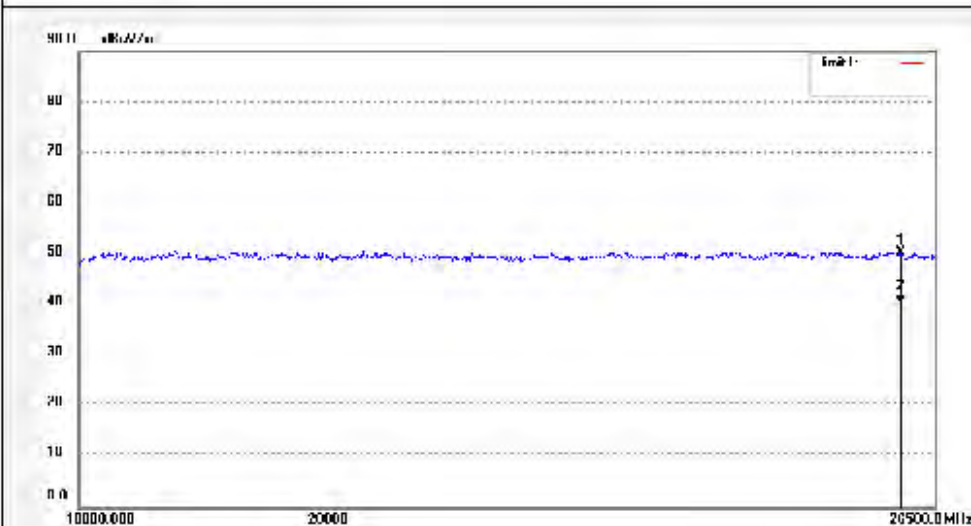
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PHY #2618
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26103.270	33.16	17.16	50.32	74.00	-23.68	peak			
2	26103.270	23.15	17.16	40.31	54.00	-13.69	AVG			



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Site: 2# Chamber

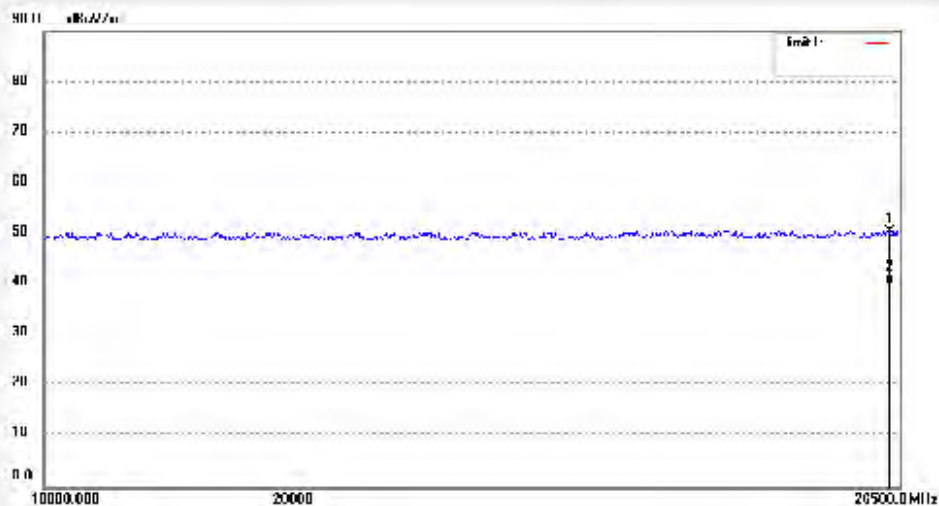
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2619
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.291	33.57	16.98	50.55	74.00	-23.45	peak			
2	26377.291	23.26	16.98	40.24	54.00	-13.76	AVG			



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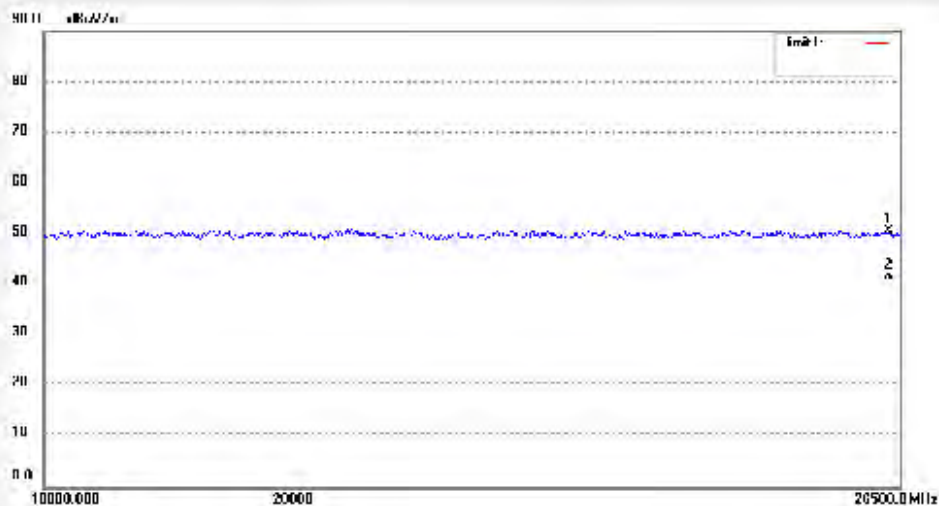
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PHY #2620
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26367.091	33.95	16.50	50.45	74.00	-23.55	peak			
2	26367.091	24.05	16.50	40.55	54.00	-13.45	AVG			



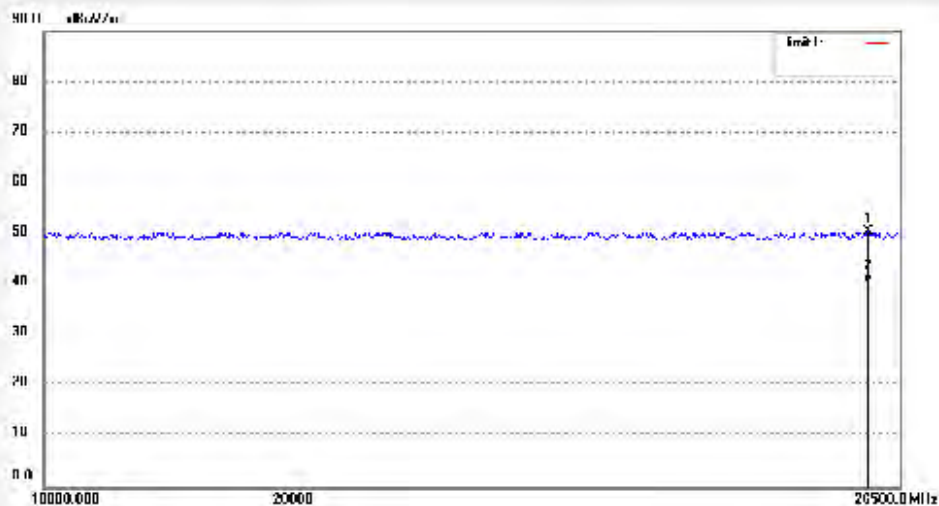
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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: PHY #2615
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26123.470	33.41	17.15	50.56	74.00	-23.44	peak			
2	26123.470	23.16	17.15	40.31	54.00	-13.69	AVG			



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Site: 2# Chamber

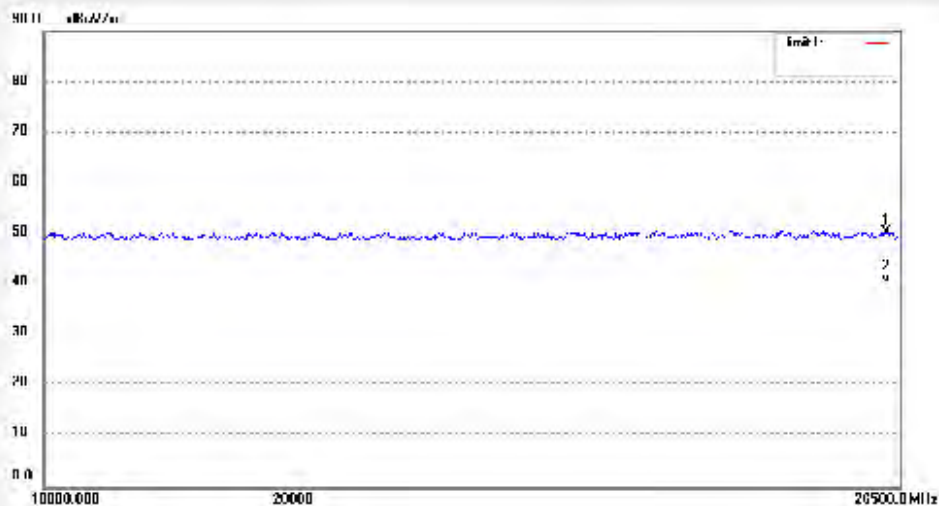
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2616
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.515	33.79	16.50	50.29	74.00	-23.71	peak			
2	26336.515	23.84	16.50	40.34	54.00	-13.66	AVG			

Wi-Fi 802.11 g mode, 6 Mbps
9KHz - 30MHz

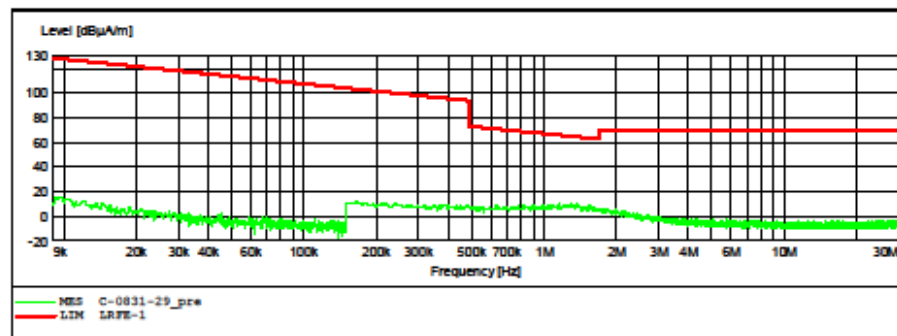
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FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC
Operating Condition: TX 2402MHz
Test Site: 2# Chamber
Operator: PEI
Test Specification: AC 120V/60Hz
Comment: Y
Start of Test: 2016-8-31 /

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



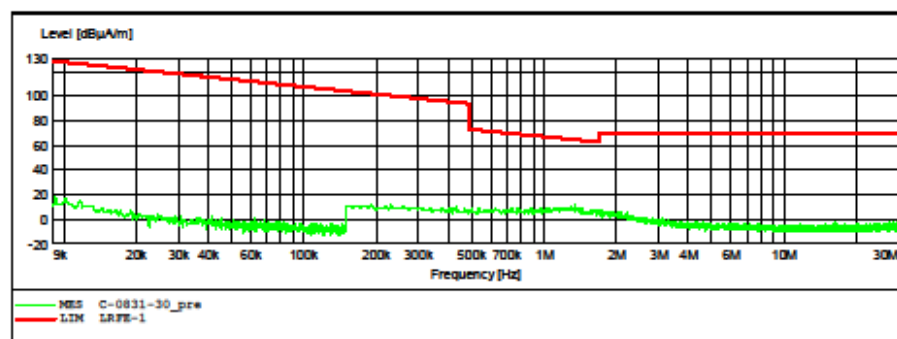
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-8-31 /

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



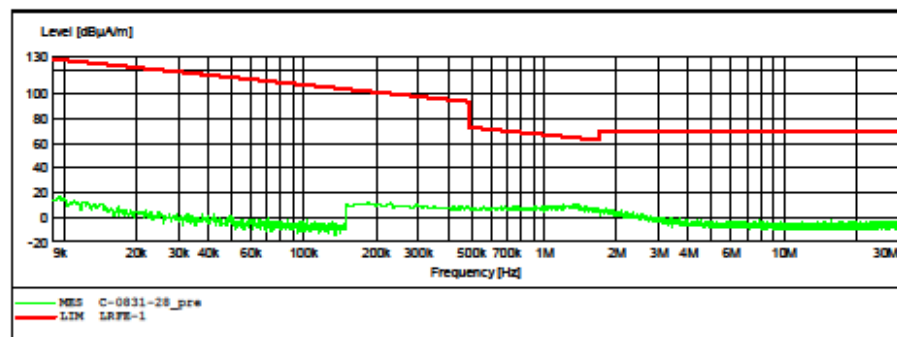
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-8-31 /

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



30MHz - 1GHz



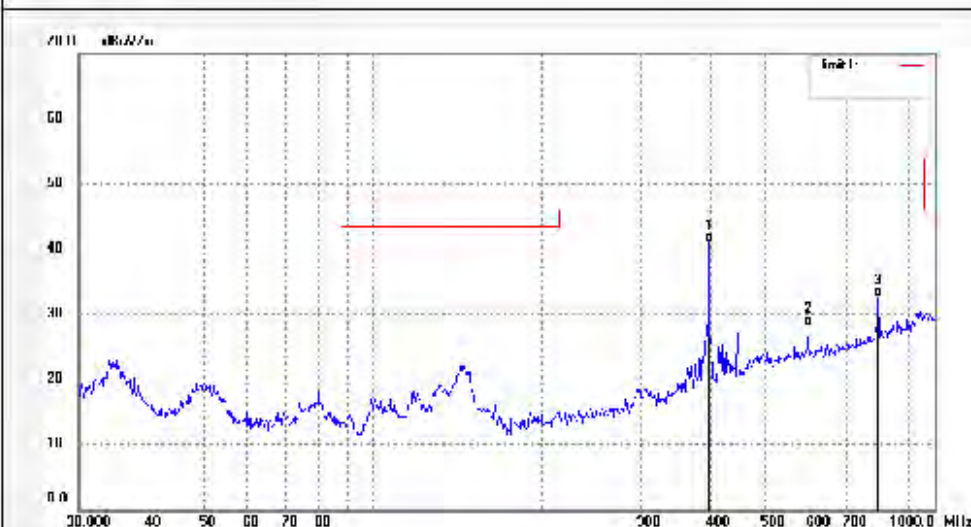
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503398

Job No.: PHY #2827
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	48.94	-7.97	40.97	46.00	-5.03	QP			
2	595.1327	32.37	-4.02	28.35	46.00	-17.65	QP			
3	793.3958	33.69	-1.12	32.57	46.00	-13.43	QP			



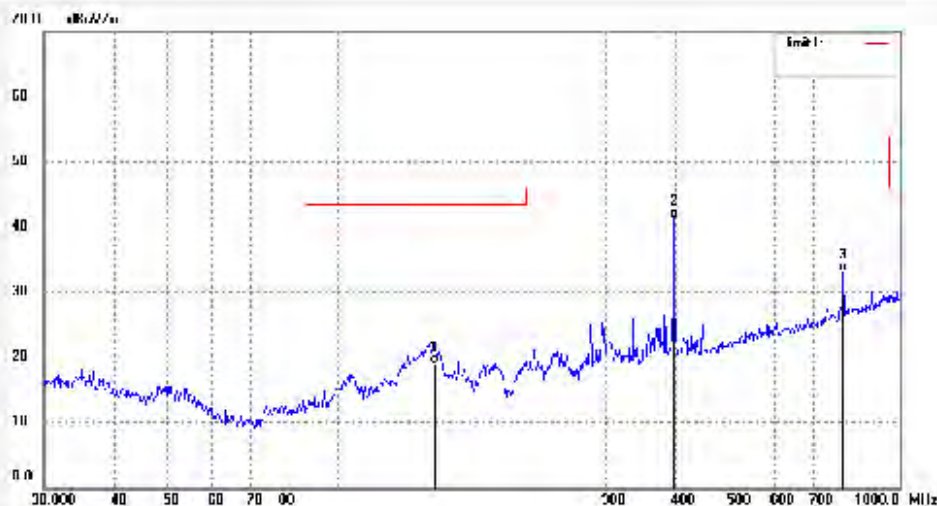
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2828
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	148.4410	35.17	-16.18	18.99	43.50	-24.51	QP			
2	396.2414	49.30	-7.97	41.33	46.00	-4.67	QP			
3	793.3958	34.27	-1.12	33.15	46.00	-12.85	QP			



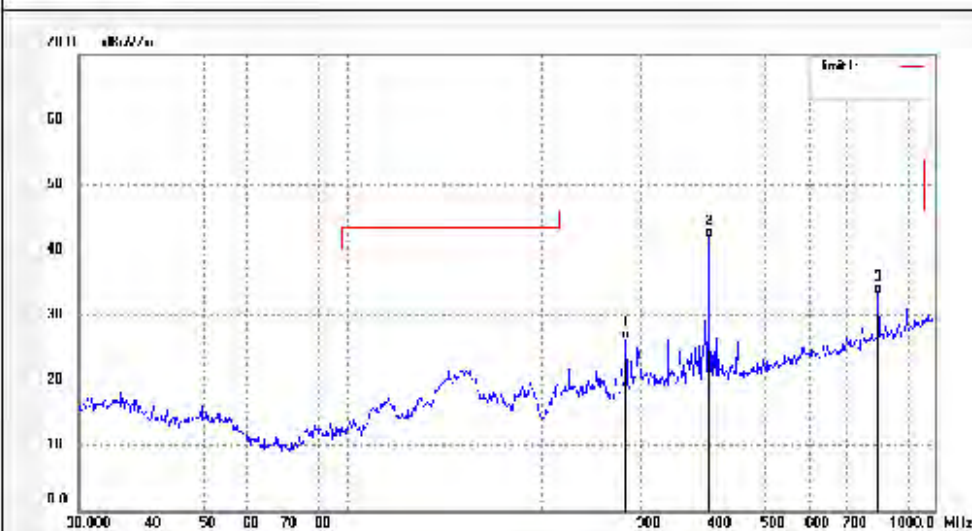
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Site: 2# Chamber
Tel:+86-0755-26503290
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Job No.: PHY #2829
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	281.9945	37.09	-10.79	26.30	46.00	-19.70	QP			
2	396.2414	49.93	-7.97	41.96	46.00	-4.04	QP			
3	793.3958	34.47	-1.12	33.35	46.00	-12.65	QP			



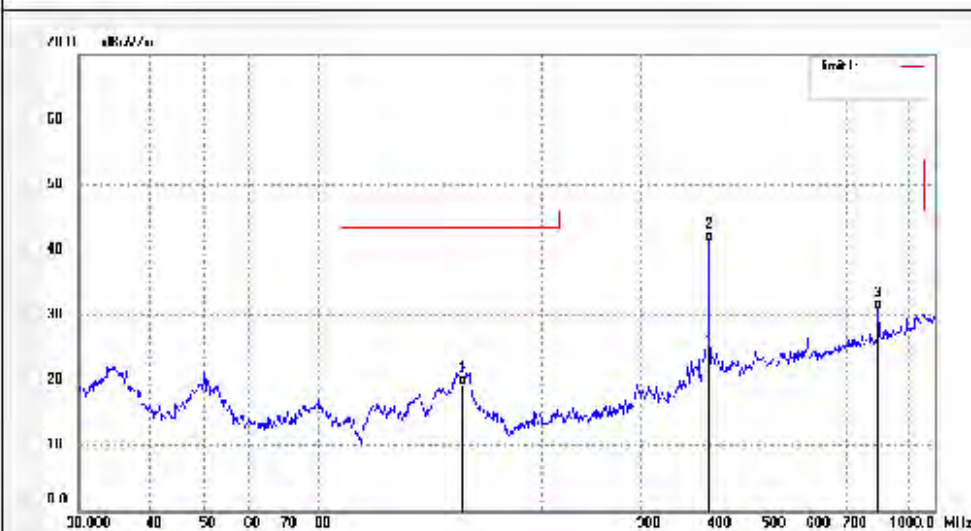
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Site: 2# Chamber
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Fax:+86-0755-26503398

Job No.: PHY #2830
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	144.8418	35.56	-16.23	19.33	43.50	-24.17	QP			
2	396.2414	49.31	-7.97	41.34	46.00	-4.66	QP			
3	793.3958	32.01	-1.12	30.89	46.00	-15.11	QP			



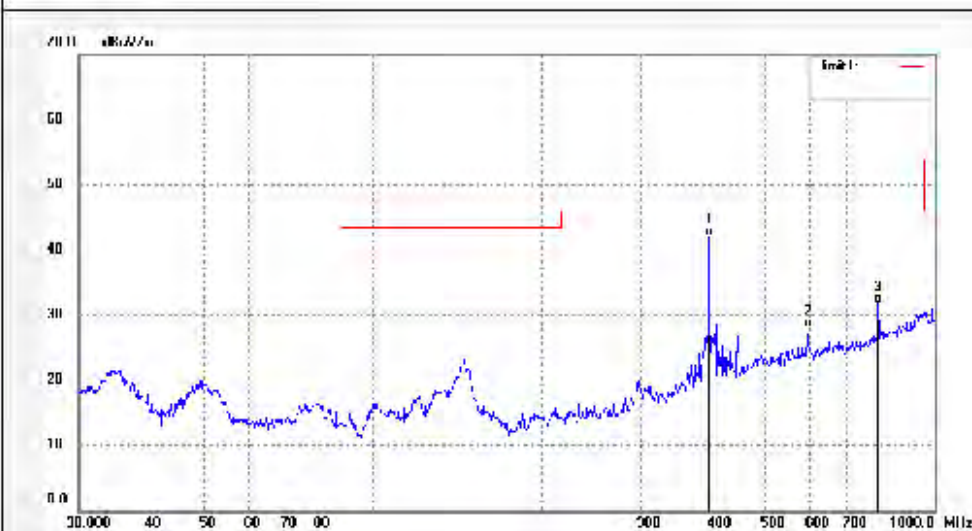
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503398

Job No.: PHY #2831
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	50.12	-7.97	42.15	46.00	-3.85	QP			
2	595.1327	32.06	-4.02	28.04	46.00	-17.96	QP			
3	793.3958	32.92	-1.12	31.80	46.00	-14.20	QP			



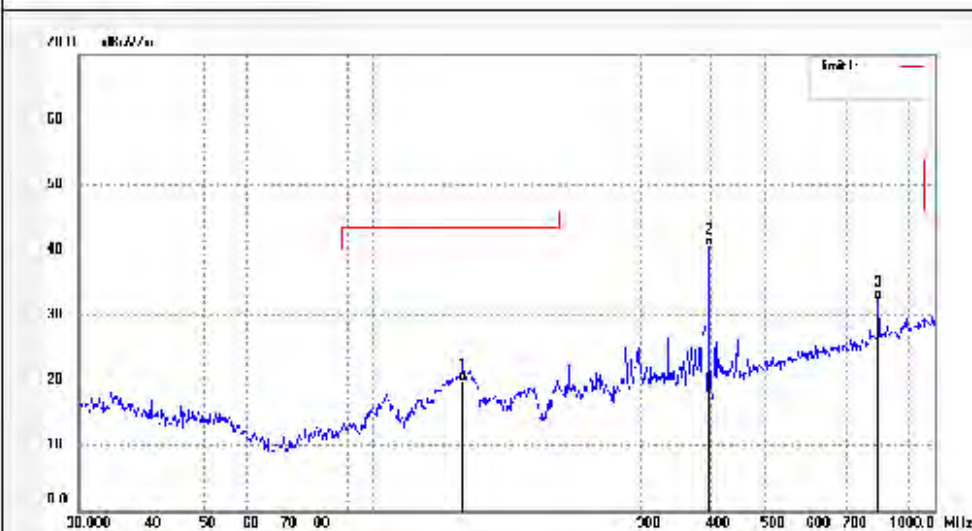
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2832
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	144.3348	38.05	-18.23	19.82	43.50	-23.68	QP			
2	396.2414	48.52	-7.97	40.55	46.00	-5.45	QP			
3	793.3958	33.83	-1.12	32.51	46.00	-13.49	QP			

1GHz - 18GHz



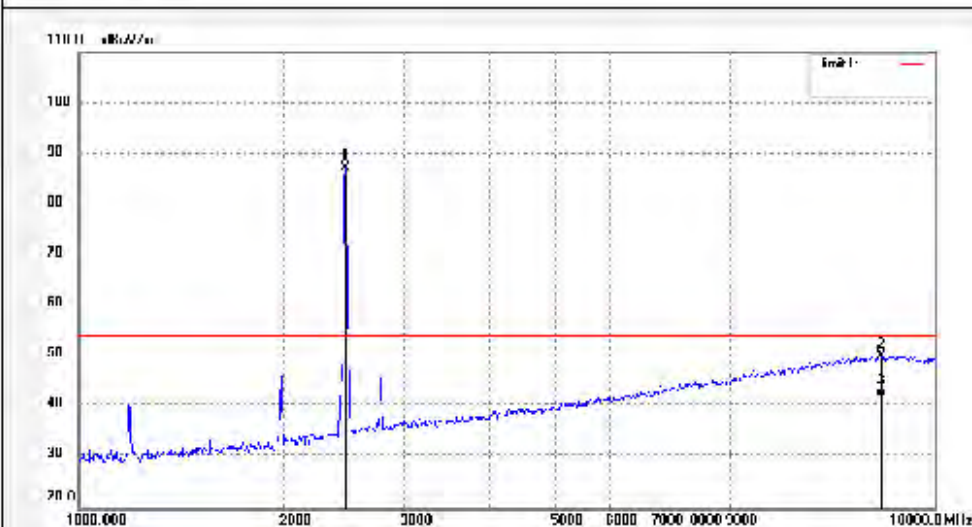
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2627
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	94.56	-7.35	87.21	/	/	peak			
2	15046.851	8.96	41.01	49.97	74.00	-24.03	peak			
3	15046.851	0.85	41.01	41.86	54.00	-12.14	AVG			



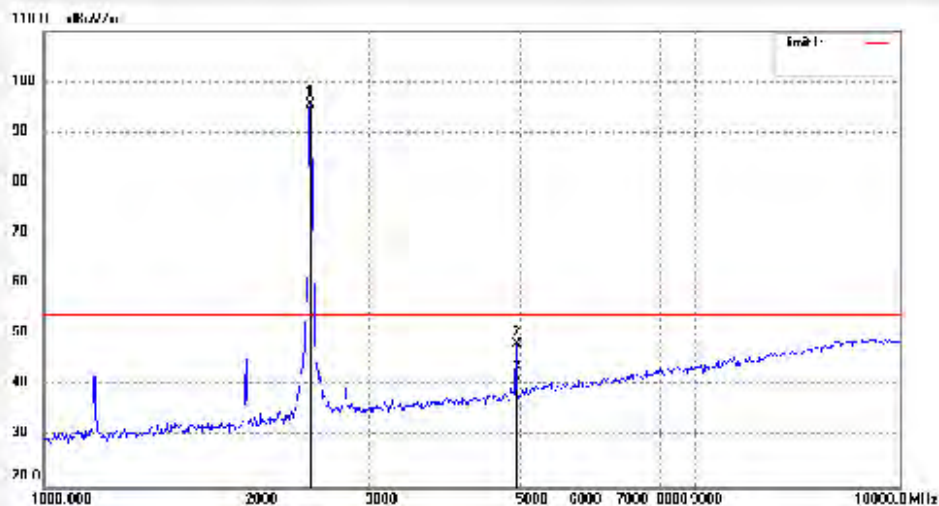
ACCURATE TECHNOLOGY CO., LTD.
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2628
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	102.82	-7.35	95.47	/	/	peak			
2	4924.248	47.95	0.34	48.29	74.00	-25.71	peak			
3	4924.248	40.20	0.34	40.54	54.00	-13.46	AVG			



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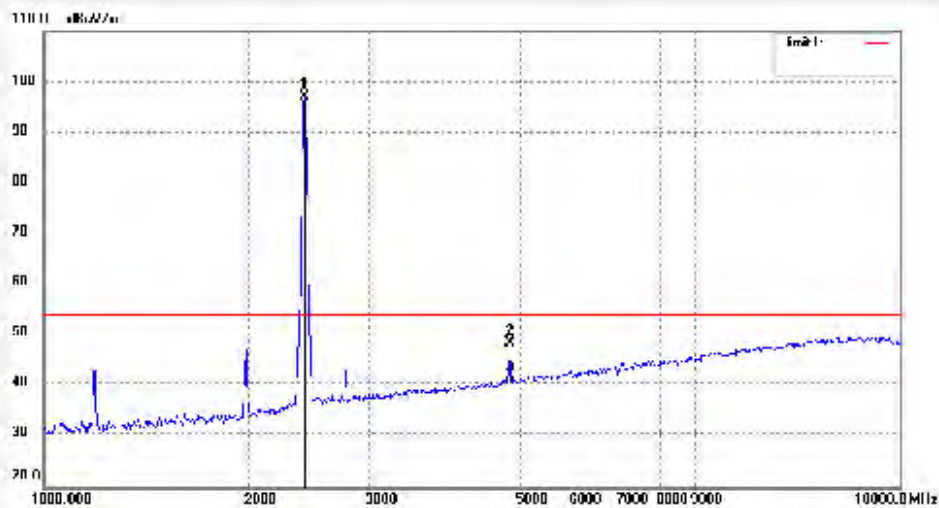
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PHY #2621
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	104.58	-7.43	97.15	/	/	peak			
2	4824.255	48.80	-0.19	48.41	74.00	-25.59	peak			
3	4824.255	40.57	-0.19	40.38	54.00	-13.62	AVG			



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Site: 2# Chamber

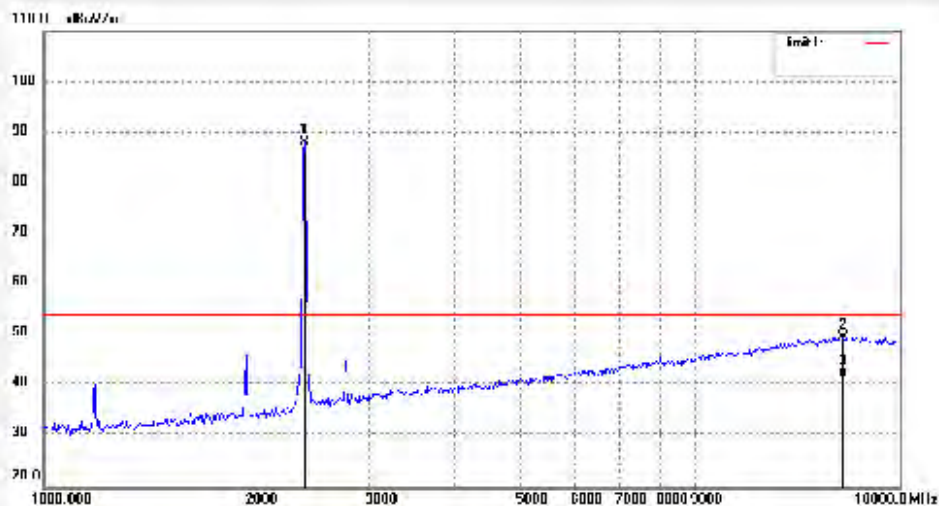
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2622
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	95.56	-7.43	88.13	/	/	peak			
2	14873.888	8.07	41.48	49.55	74.00	-24.45	peak			
3	14873.888	0.18	41.48	41.66	54.00	-12.34	AVG			



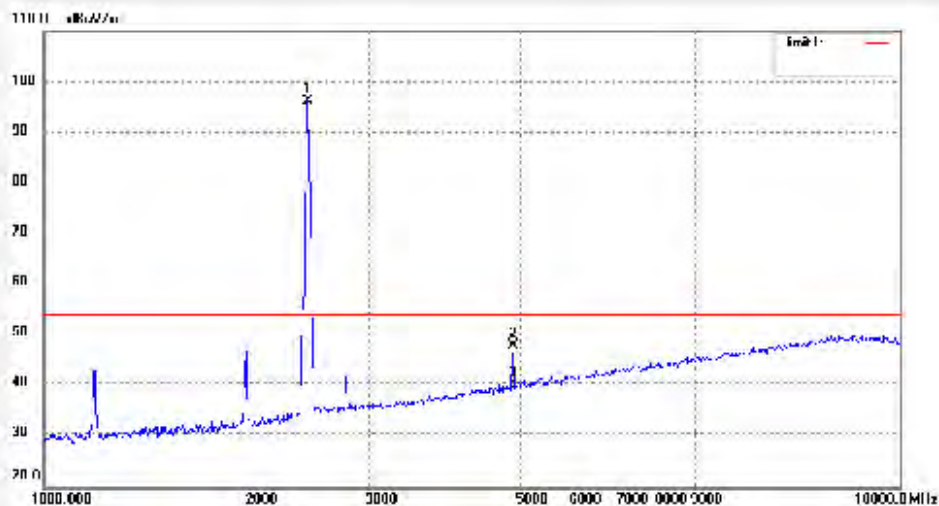
ACCURATE TECHNOLOGY CO., LTD.
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PHY #2625
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	103.63	-7.36	96.27	/	/	peak			
2	4874.248	47.89	0.09	47.98	74.00	-26.02	peak			
3	4874.248	39.47	0.09	39.56	54.00	-14.44	AVG			



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Site: 2# Chamber

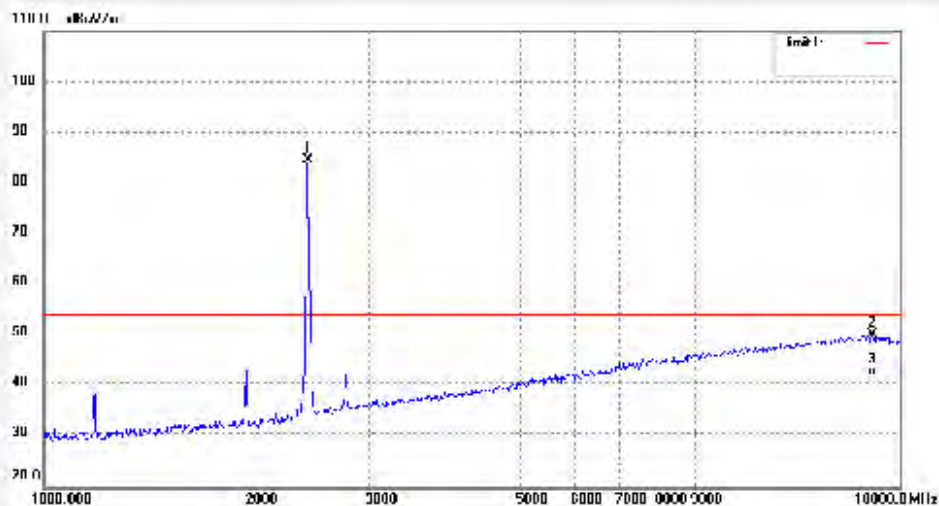
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2626
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	91.89	-7.38	84.53	/	/	peak			
2	16457.318	9.85	40.27	50.12	74.00	-23.88	peak			
3	16457.318	1.78	40.27	42.03	54.00	-11.97	AVG			

18GHz - 26GHz



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Site: 2# Chamber

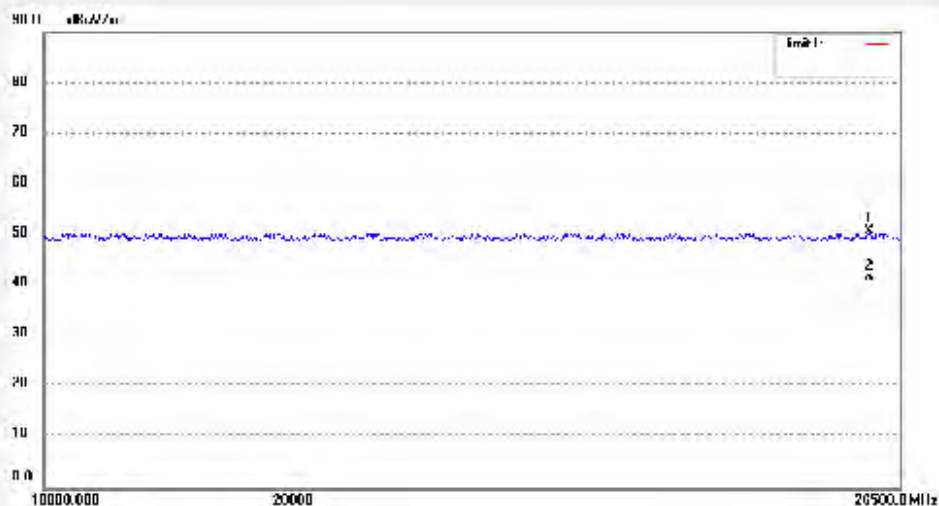
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2633
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26143.685	34.21	16.50	50.71	74.00	-23.29	peak			
2	26143.685	24.06	16.50	40.56	54.00	-13.44	AVG			



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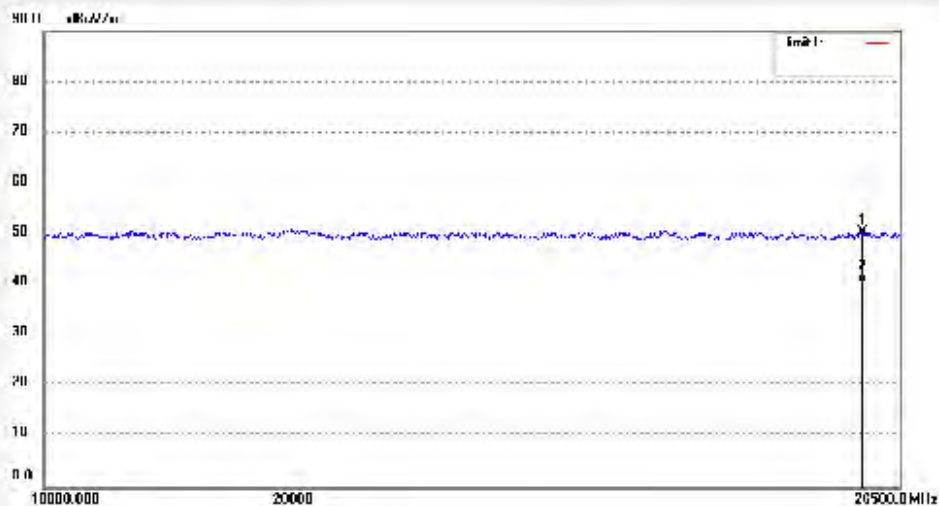
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2634
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26082.917	33.07	17.19	50.26	74.00	-23.74	peak			
2	26082.917	23.10	17.19	40.29	54.00	-13.71	AVG			



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Site: 2# Chamber

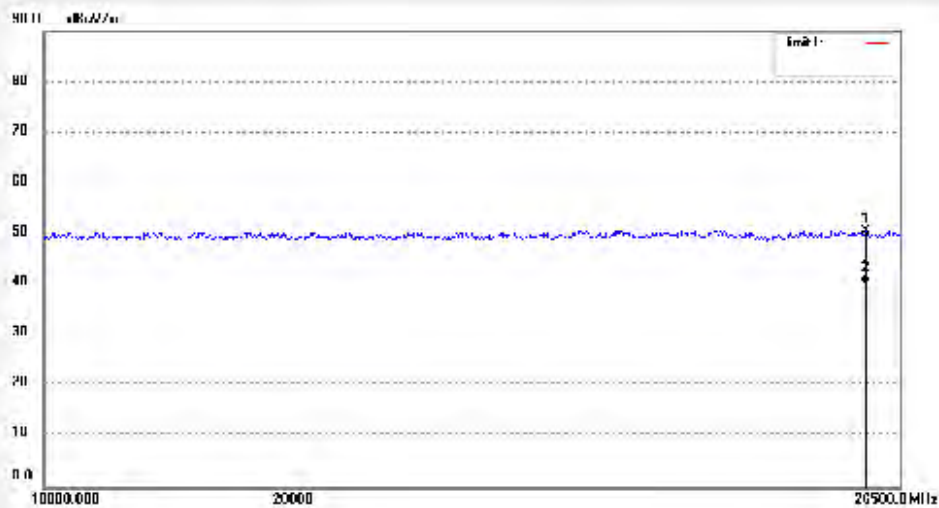
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2635
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26103.270	33.30	17.16	50.46	74.00	-23.54	peak			
2	26103.270	22.94	17.16	40.10	54.00	-13.90	AVG			

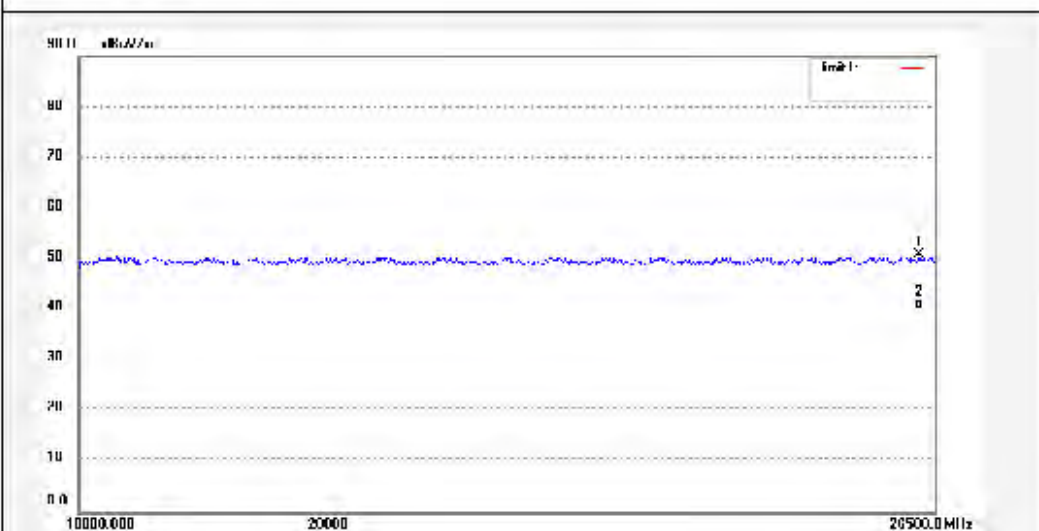


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2636	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/08/09/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ContextMedia Health	Engineer Signature: PEI
Mode: TX 2462MHz	Distance: 3m
Model: P-TAB-104-ELC-01	
Manufacturer: ContextMedia LLC	

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26316.150	34.18	16.50	50.68	74.00	-23.32	peak			
2	26316.150	23.74	16.50	40.24	54.00	-13.76	AVG			



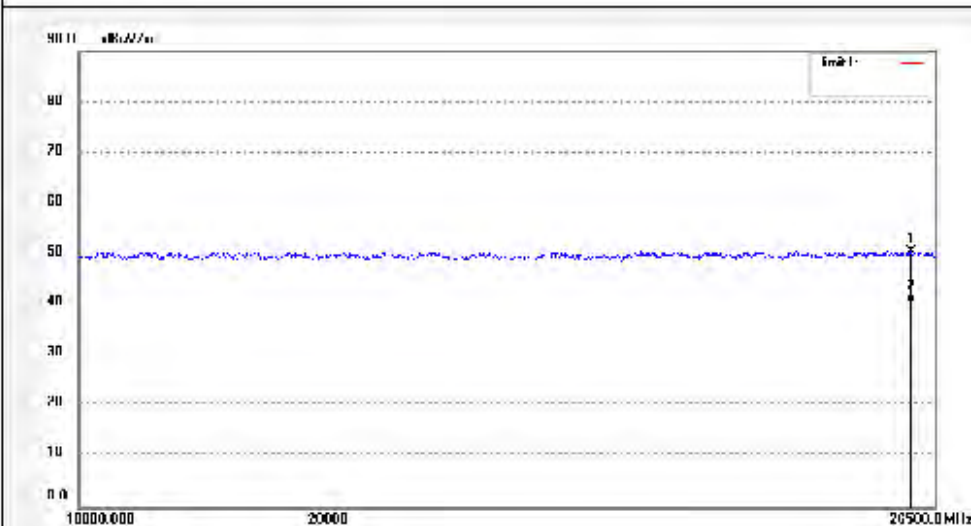
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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: PHY #2631
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26214.563	33.33	17.09	50.42	74.00	-23.58	peak			
2	26214.563	23.22	17.09	40.31	54.00	-13.69	AVG			



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Site: 2# Chamber

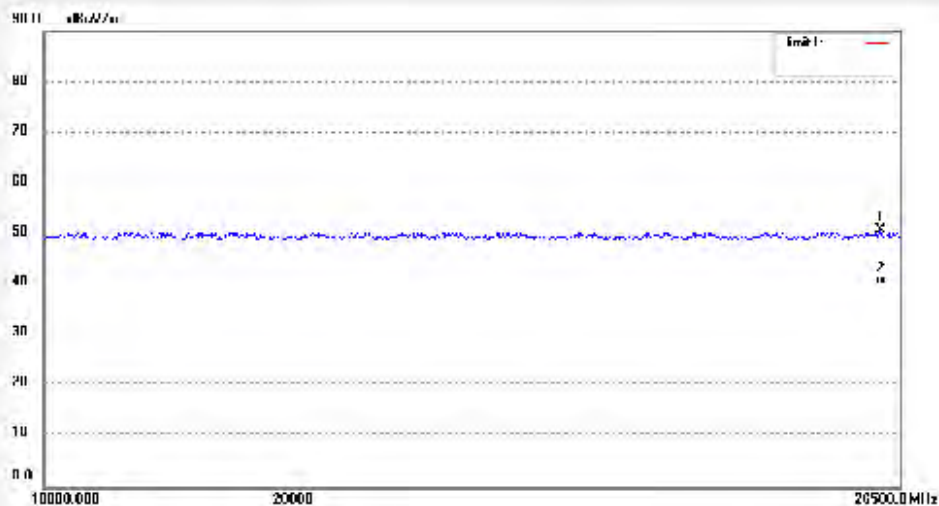
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2632
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26275.468	34.17	16.50	50.67	74.00	-23.33	peak			
2	26275.468	23.52	16.50	40.02	54.00	-13.98	AVG			

Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps
9KHz - 30MHz

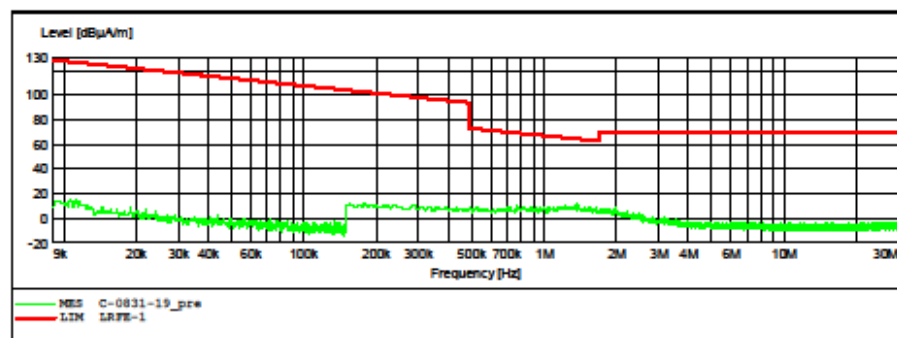
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-8-31 /

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



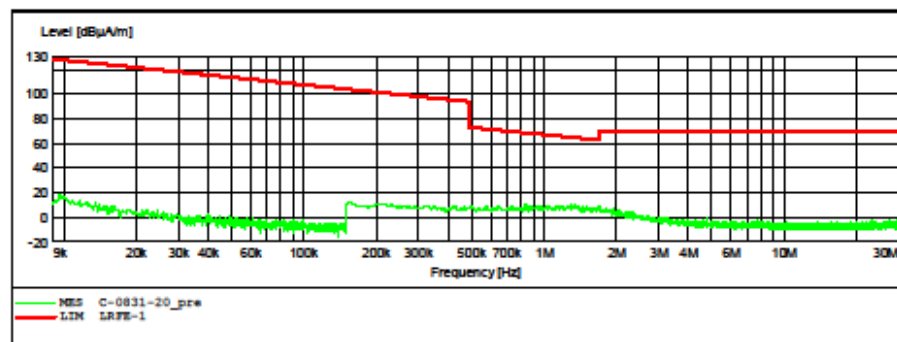
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-8-31 /

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



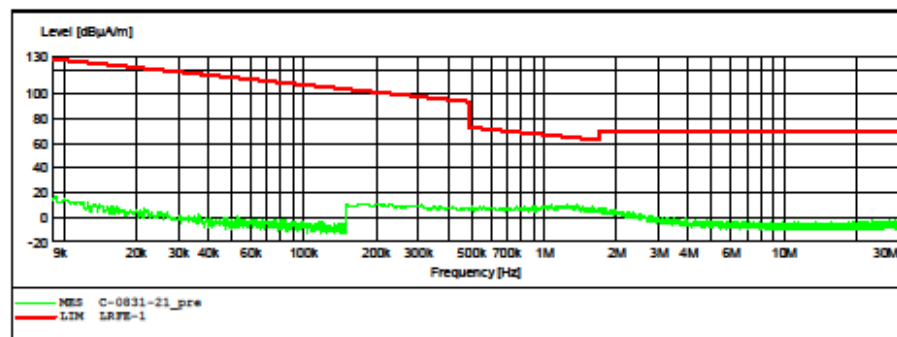
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: PEI
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-8-31 /

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



30MHz - 1GHz



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2835

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: ContextMedia Health

Mode: TX 2437MHz

Model: P-TAB-104-ELC-01

Manufacturer: ContextMedia LLC

Polarization: Vertical

Power Source: AC 120V/60Hz

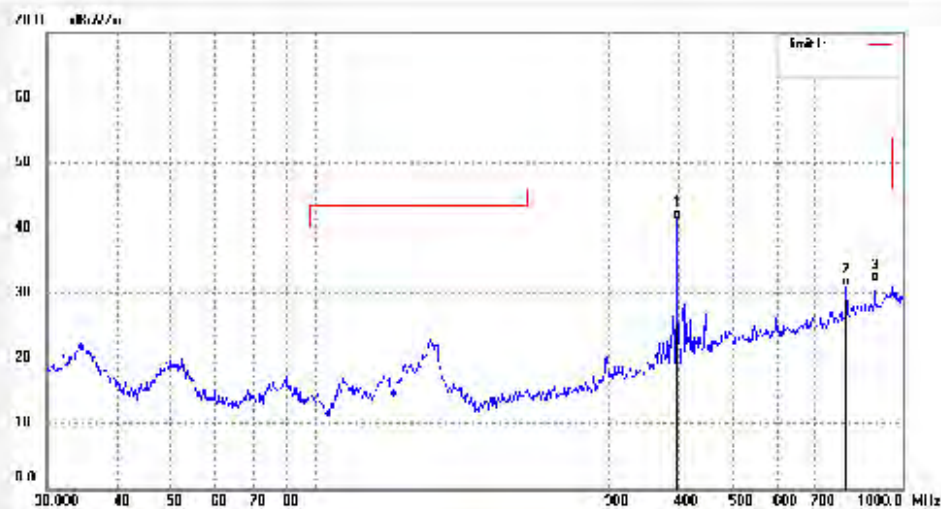
Date: 16/08/28/

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	49.33	-7.97	41.36	46.00	-4.64	QP			
2	793.3958	32.13	-1.12	31.01	46.00	-14.99	QP			
3	893.8567	31.54	0.26	31.80	46.00	-14.20	QP			



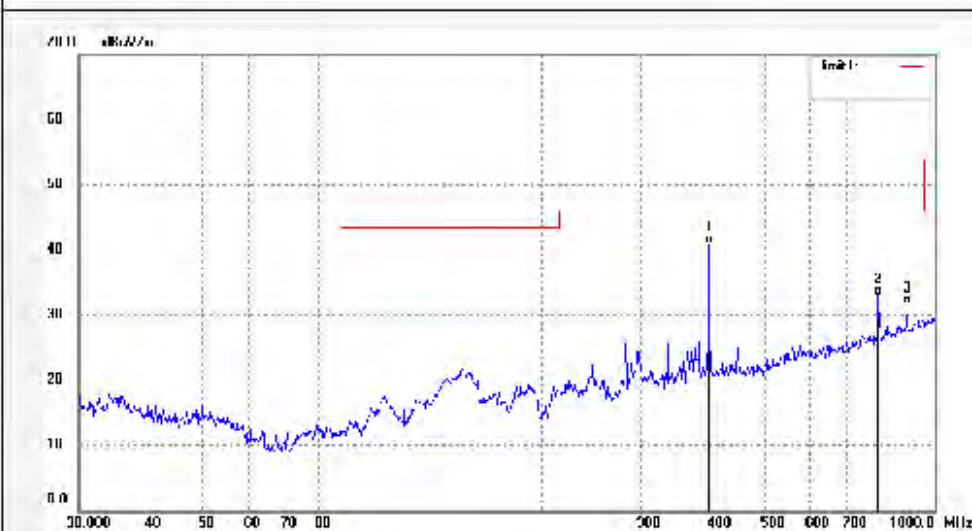
ACCURATE TECHNOLOGY CO., LTD.
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503398

Job No.: PHY #2836
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	48.84	-7.97	40.87	46.00	-5.13	QP			
2	793.3958	34.12	-1.12	33.00	46.00	-13.00	QP			
3	893.8567	31.33	0.26	31.59	46.00	-14.41	QP			



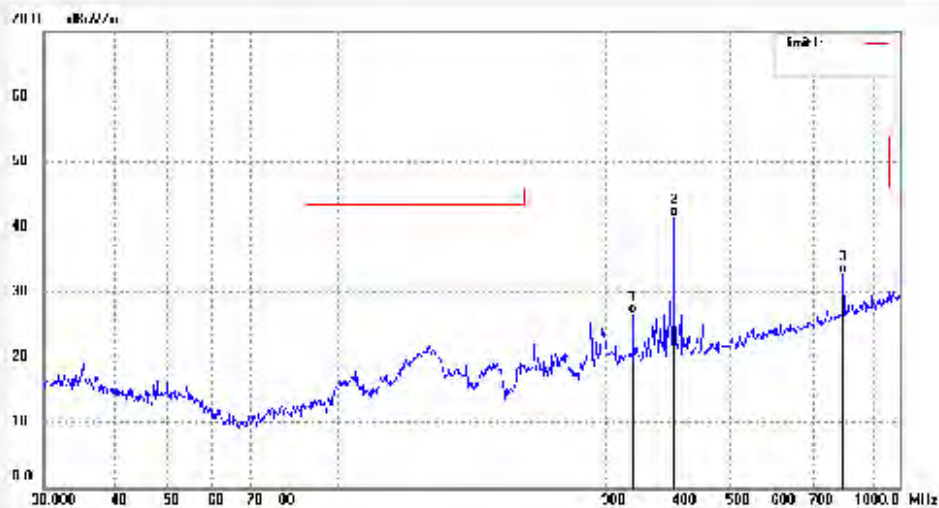
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2837
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	338.0351	38.00	-9.23	28.77	48.00	-19.23	QP			
2	396.2414	49.55	-7.97	41.58	48.00	-4.42	QP			
3	793.3958	33.91	-1.12	32.79	48.00	-13.21	QP			



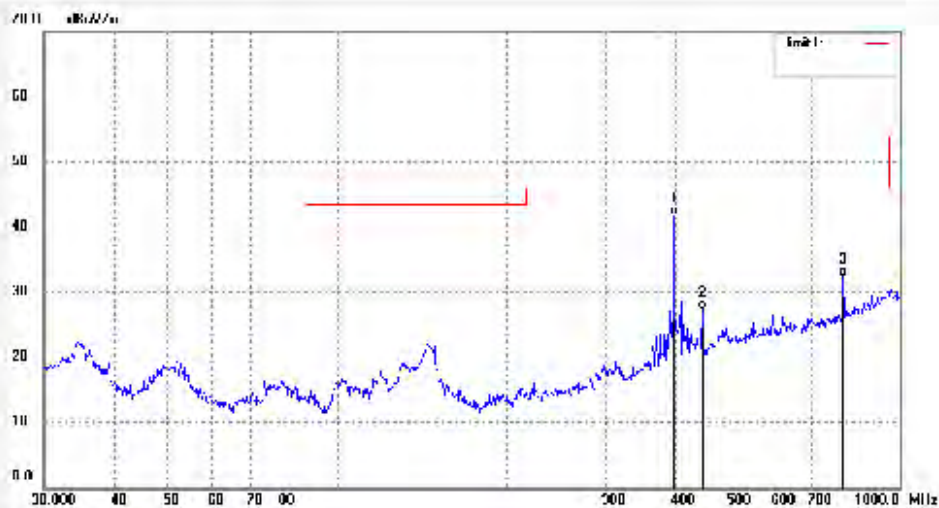
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2838
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	49.78	-7.97	41.79	46.00	-4.21	QP			
2	446.4141	34.19	-6.84	27.35	46.00	-18.65	QP			
3	793.3958	33.57	-1.12	32.45	46.00	-13.55	QP			



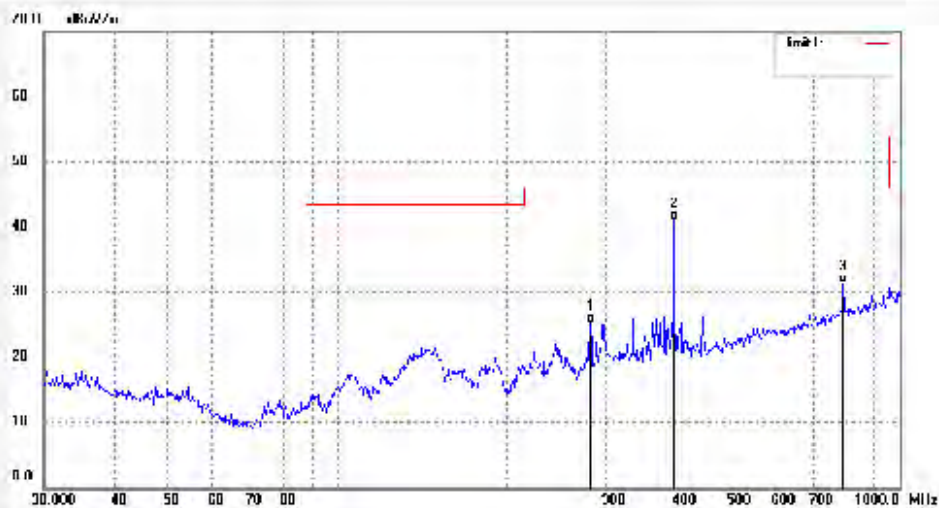
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2833
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	281.9945	38.01	-10.79	25.22	46.00	-20.78	QP			
2	396.2414	49.05	-7.97	41.08	46.00	-4.92	QP			
3	793.3958	32.50	-1.12	31.38	46.00	-14.62	QP			



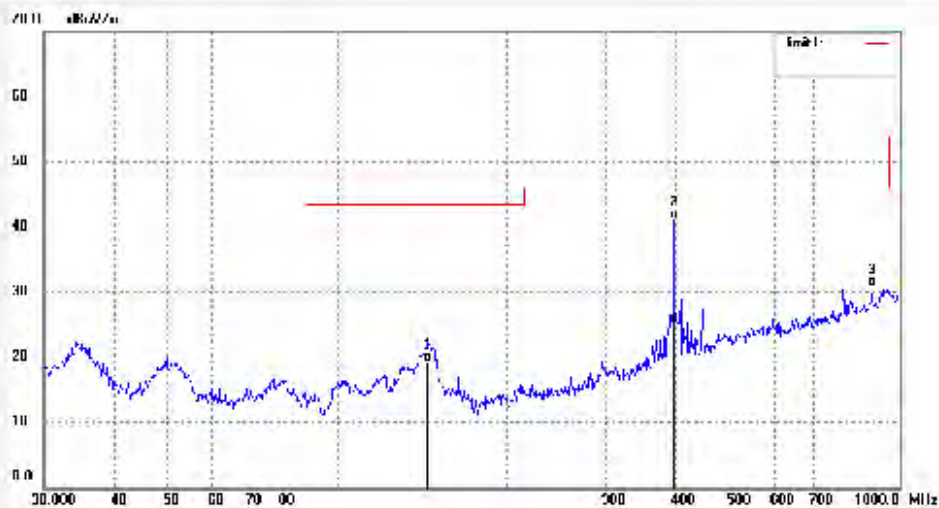
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2834
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/28/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	144.8418	35.52	-16.23	19.29	43.50	-24.21	QP			
2	396.2414	49.13	-7.97	41.16	46.00	-4.84	QP			
3	893.8567	30.66	0.26	30.92	46.00	-15.08	QP			

1GHz - 18GHz

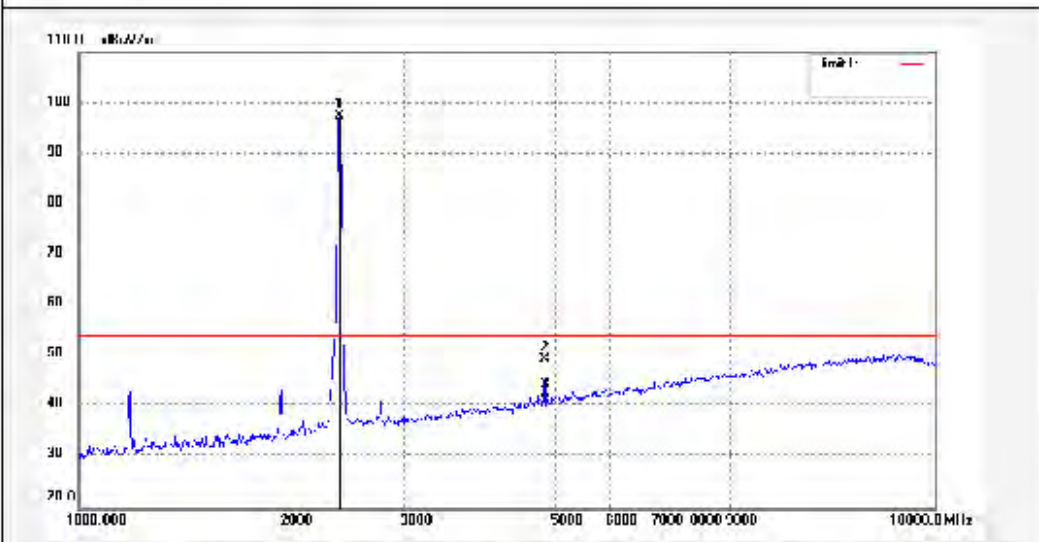


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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2637	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/08/27
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ContextMedia Health	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: P-TAB-104-ELC-01	
Manufacturer: ContextMedia LLC	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	104.70	-7.43	97.27	/	/	peak			
2	4824.247	49.58	-0.19	49.39	74.00	-24.61	peak			
3	4824.247	41.51	-0.19	41.32	54.00	-12.68	AVG			



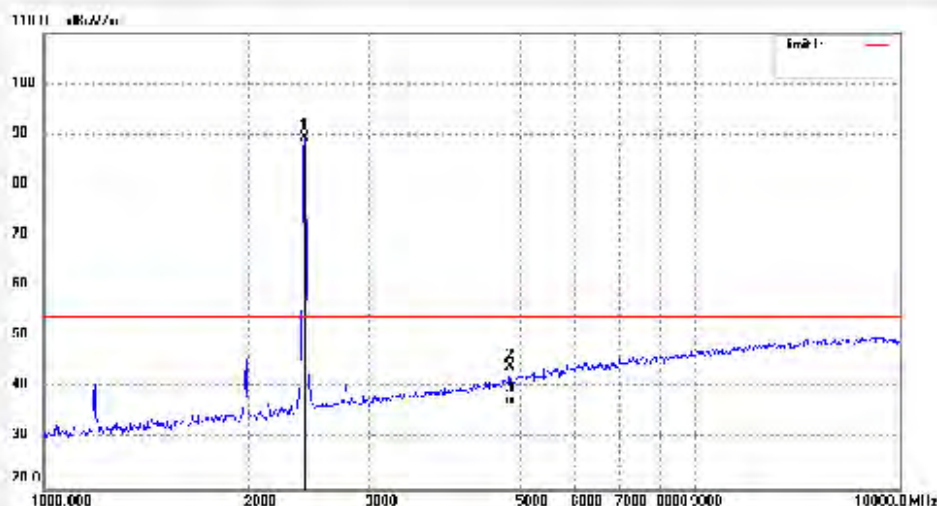
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2638
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.80	-7.43	89.37	/	/	peak			
2	4824.264	44.37	-0.19	44.18	74.00	-29.82	peak			
3	4824.264	36.64	-0.19	36.45	54.00	-17.55	AVG			

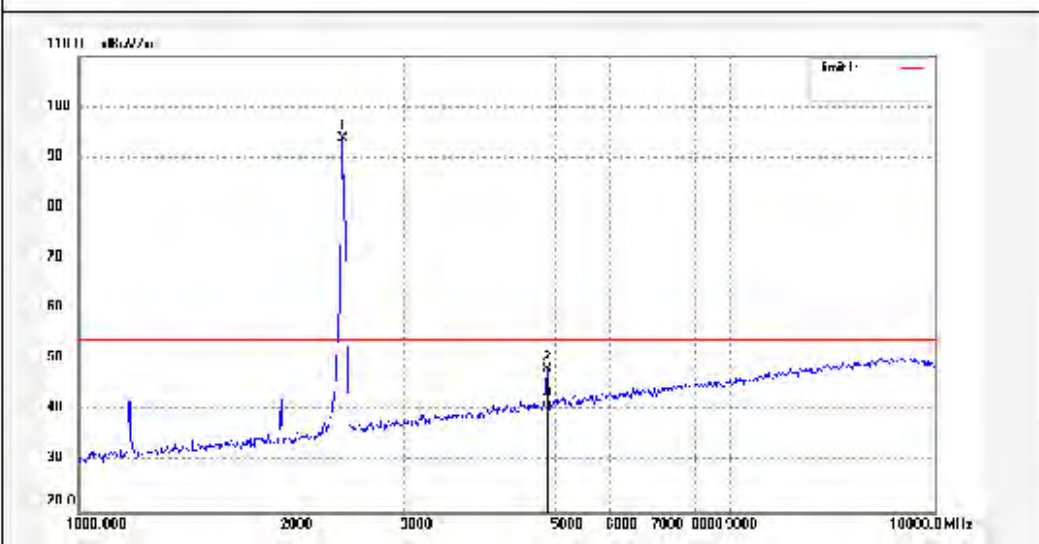


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2641	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/08/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ContextMedia Health	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: P-TAB-104-ELC-01	
Manufacturer: ContextMedia LLC	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	101.10	-7.36	93.74	/	/	peak			
2	4874.270	48.10	0.09	48.19	74.00	-25.81	peak			
3	4874.270	40.26	0.09	40.35	54.00	-13.65	AVG			



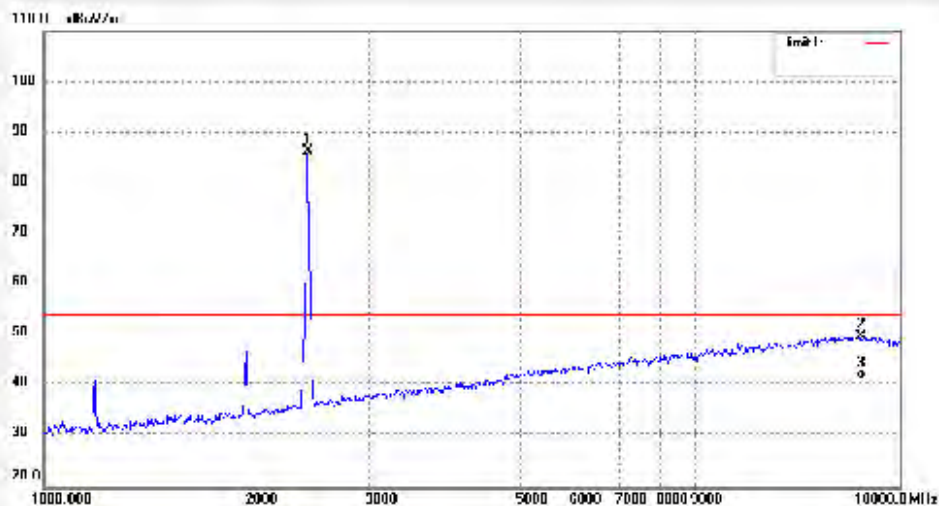
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2642
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	93.66	-7.36	86.30	/	/	peak			
2	15804.863	9.67	40.04	49.71	74.00	-24.29	peak			
3	15804.863	1.31	40.04	41.35	54.00	-12.65	AVG			



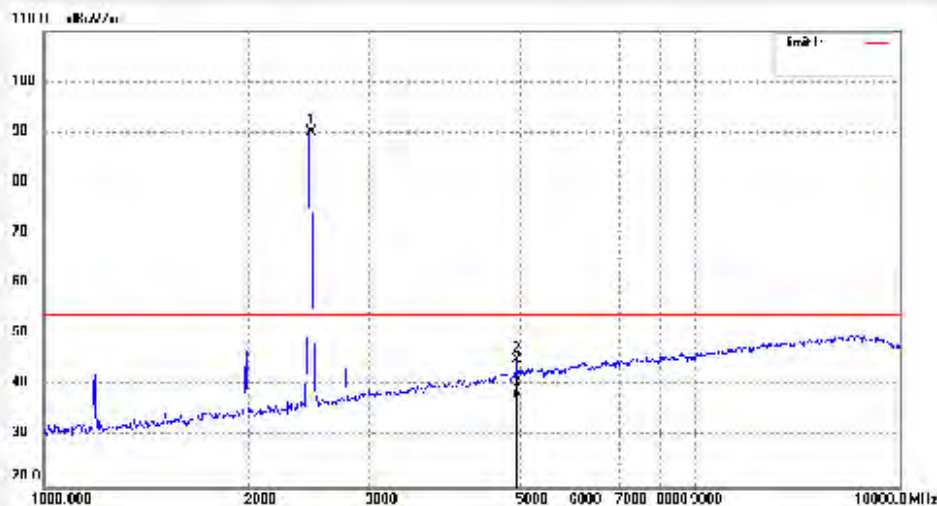
ACCURATE TECHNOLOGY CO., LTD.
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2643
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2482.000	97.54	-7.35	90.19	/	/	peak			
2	4924.255	44.74	0.34	45.08	74.00	-28.92	peak			
3	4924.255	37.01	0.34	37.35	54.00	-16.65	AVG			



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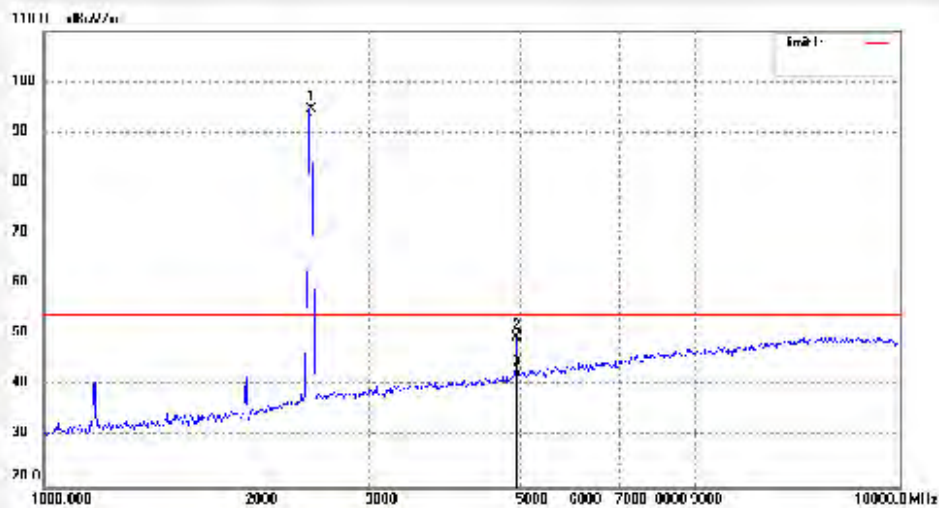
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2644
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2482.000	101.87	-7.35	94.52	/	/	peak			
2	4924.285	49.29	0.34	49.63	74.00	-24.37	peak			
3	4924.285	41.04	0.34	41.38	54.00	-12.62	AVG			

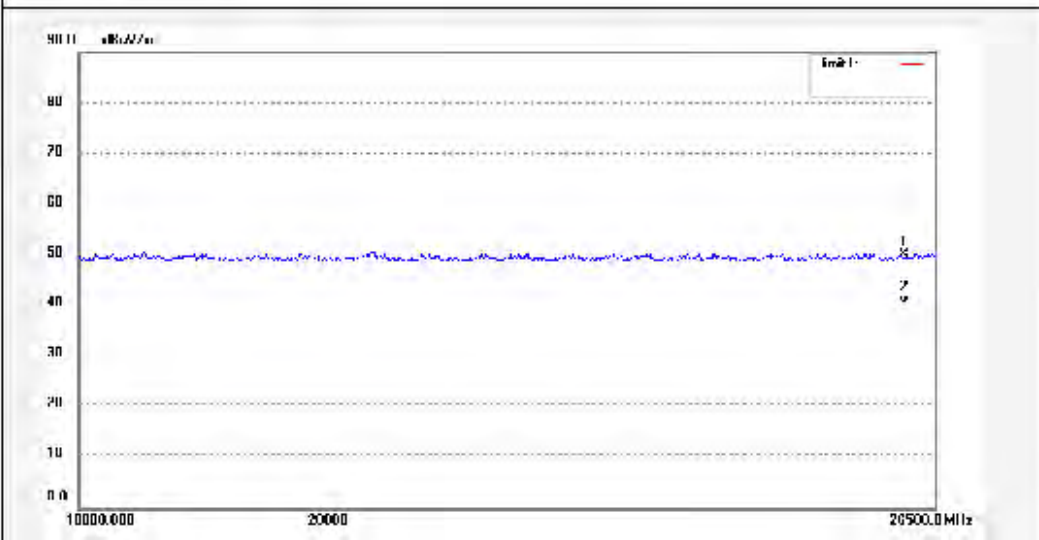
18GHz - 26GHz



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

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

Job No.: PHY #2649	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/08/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ContextMedia Health	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: P-TAB-104-ELC-01	
Manufacturer: ContextMedia LLC	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26143.685	33.55	16.50	50.05	74.00	-23.95	peak			
2	26143.685	23.82	16.50	40.32	54.00	-13.68	AVG			



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Site: 2# Chamber

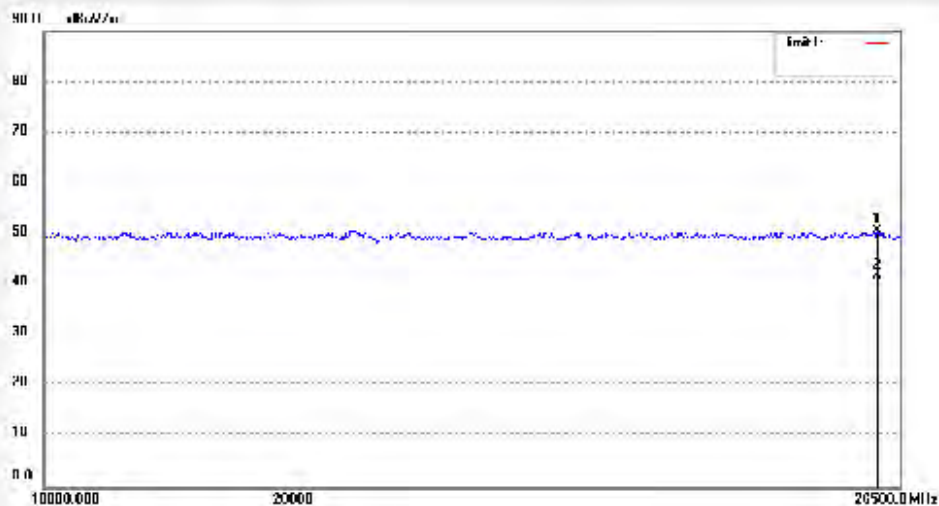
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2850
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2437MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26234.849	33.36	17.08	50.44	74.00	-23.56	peak			
2	26234.849	23.44	17.08	40.52	54.00	-13.48	AVG			



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Site: 2# Chamber

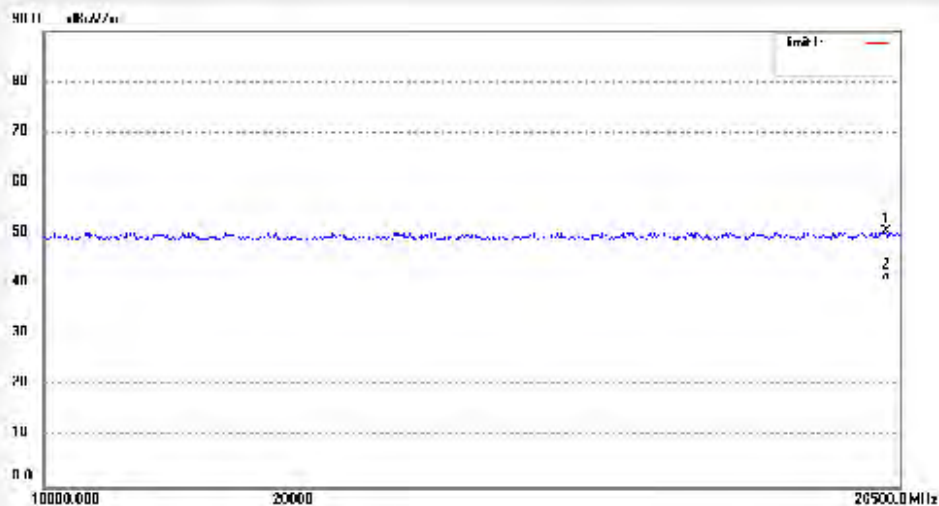
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2851
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.703	33.55	17.00	50.55	74.00	-23.45	peak			
2	26346.703	23.51	17.00	40.51	54.00	-13.49	AVG			



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Site: 2# Chamber

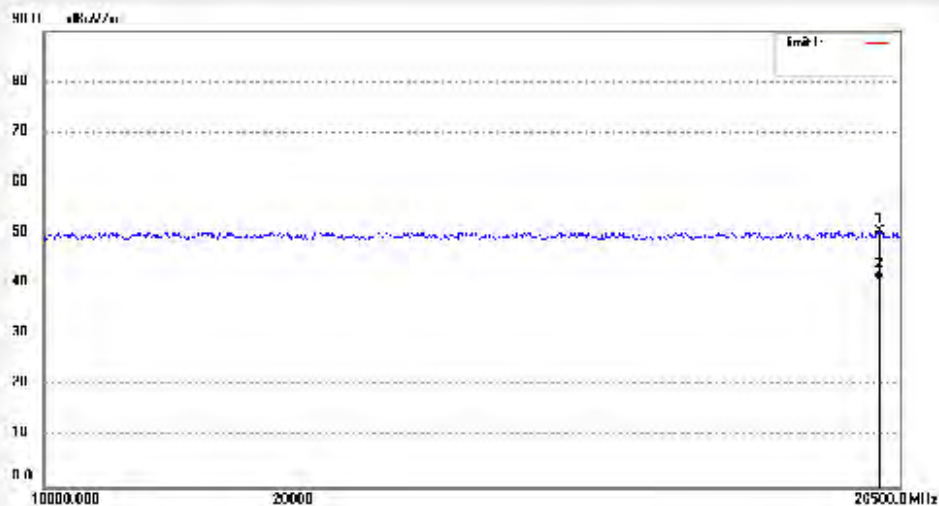
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2652
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2462MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26255.151	33.91	16.50	50.41	74.00	-23.59	peak			
2	26255.151	24.29	16.50	40.79	54.00	-13.21	AVG			



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Site: 2# Chamber

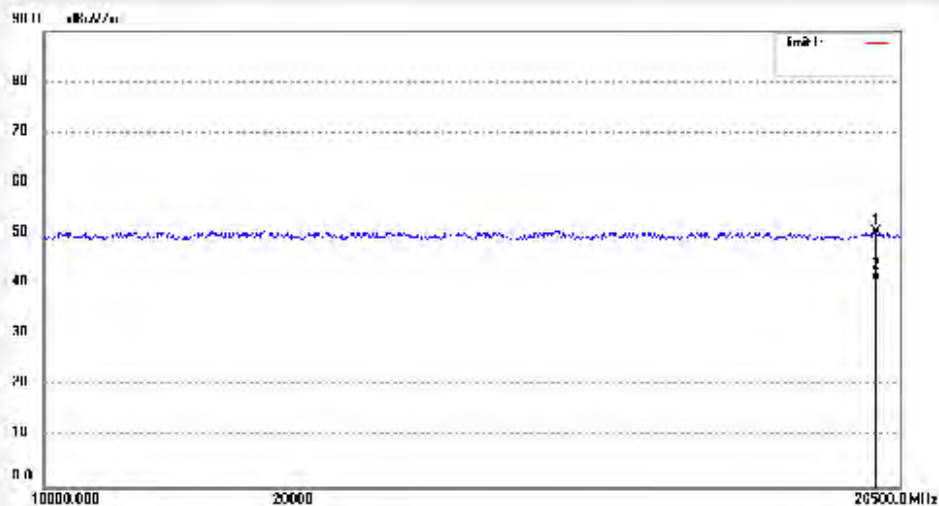
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2647
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26214.563	33.18	17.09	50.27	74.00	-23.73	peak			
2	26214.563	23.43	17.09	40.52	54.00	-13.48	AVG			



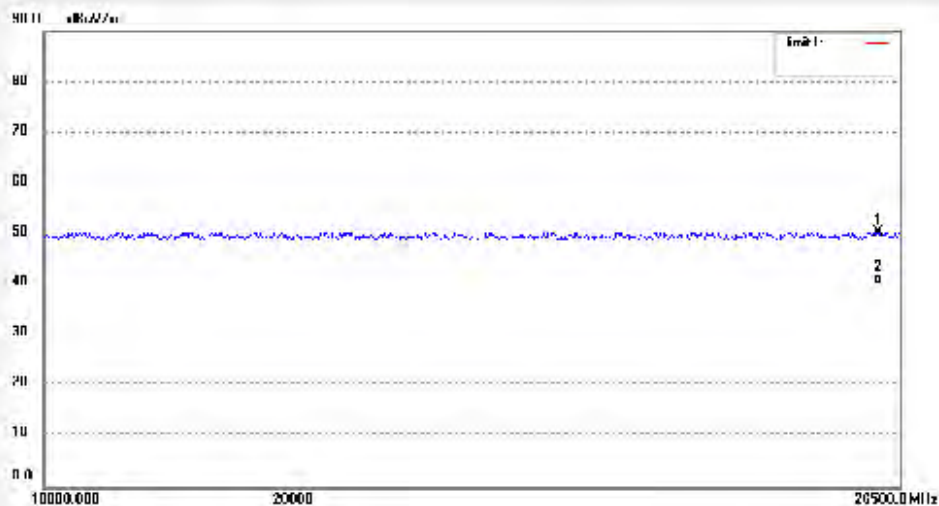
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2648
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26244.908	33.88	16.50	50.38	74.00	-23.62	peak			
2	26244.998	23.75	16.50	40.25	54.00	-13.75	AVG			

Appendix E.2: Radiated Emissions in Restricted Bands near the band edge

Wi-Fi 802.11 b mode, 1 Mbps

Low channel



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 2# Chamber

Tel:+86-0755-28503290

Fax:+86-0755-28503398

Job No.: PHY #2808

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: ContextMedia Health

Mode: TX 2412MHz

Model: P-TAB-104-ELC-01

Manufacturer: ContextMedia LLC

Polarization: Horizontal

Power Source: AC 120V/60Hz

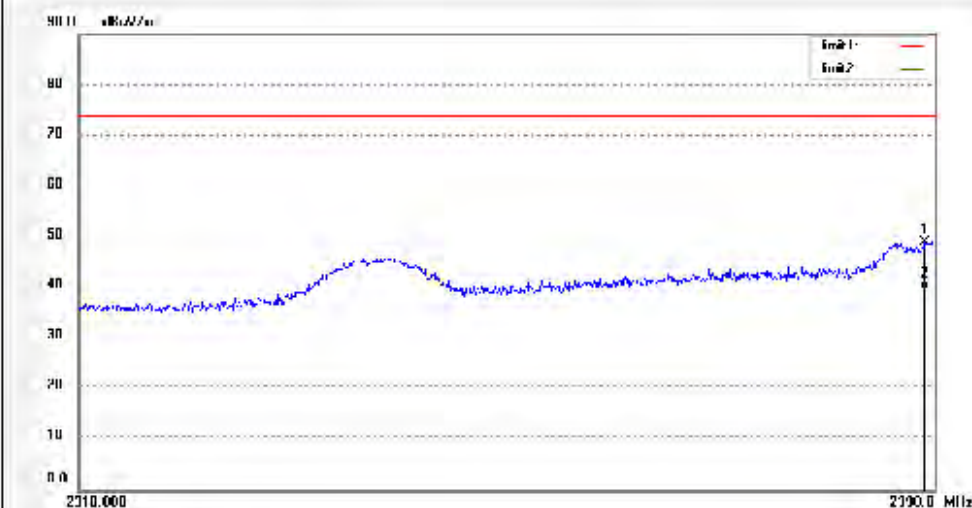
Date: 16/08/09/

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11b



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	56.55	-7.53	49.02	74.00	-24.98	peak			
2	2389.040	47.00	-7.53	39.47	54.00	-14.53	AVG			



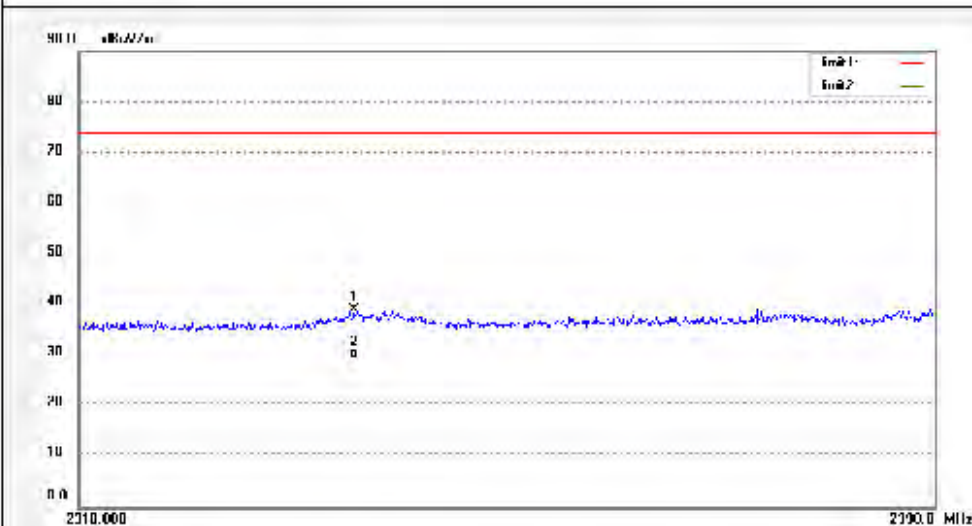
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-28503290
Fax:+86-0755-28503398

Job No.: PHY #2807
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2335.520	46.89	-7.80	39.09	74.00	-34.91	peak			
2	2335.520	37.10	-7.80	29.30	54.00	-24.70	AVG			

High channel



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Site: 2# Chamber

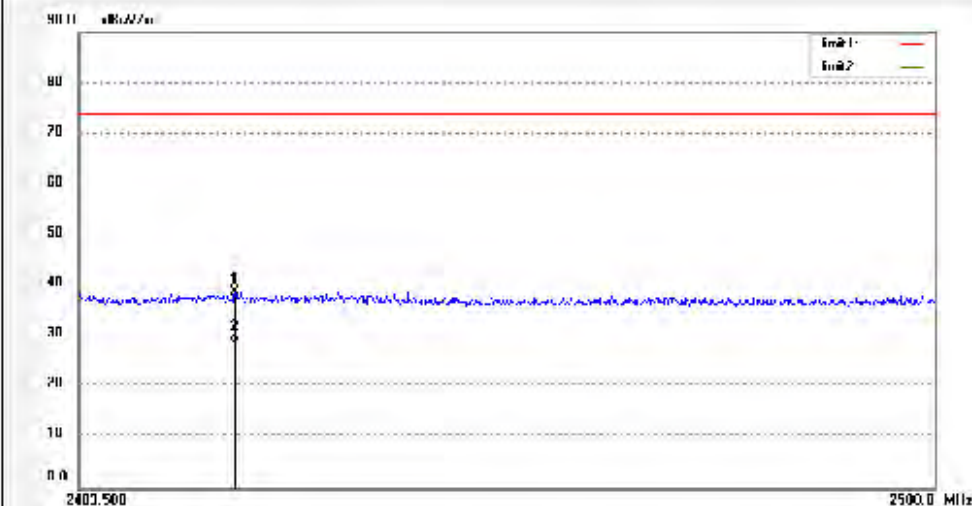
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2614
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2486.503	46.31	-7.39	38.92	74.00	-35.08	peak			
2	2486.503	36.00	-7.39	28.61	54.00	-25.39	AVG			



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Site: 2# Chamber

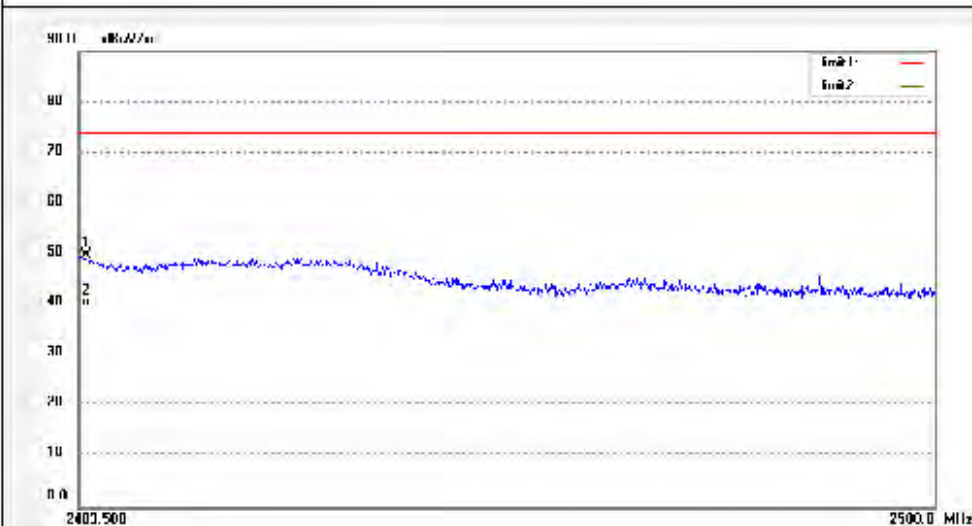
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2613
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.632	57.10	-7.37	49.73	74.00	-24.27	peak			
2	2483.632	46.94	-7.37	39.57	54.00	-14.43	AVG			

Wi-Fi 802.11 g mode, 6 Mbps
Low channel

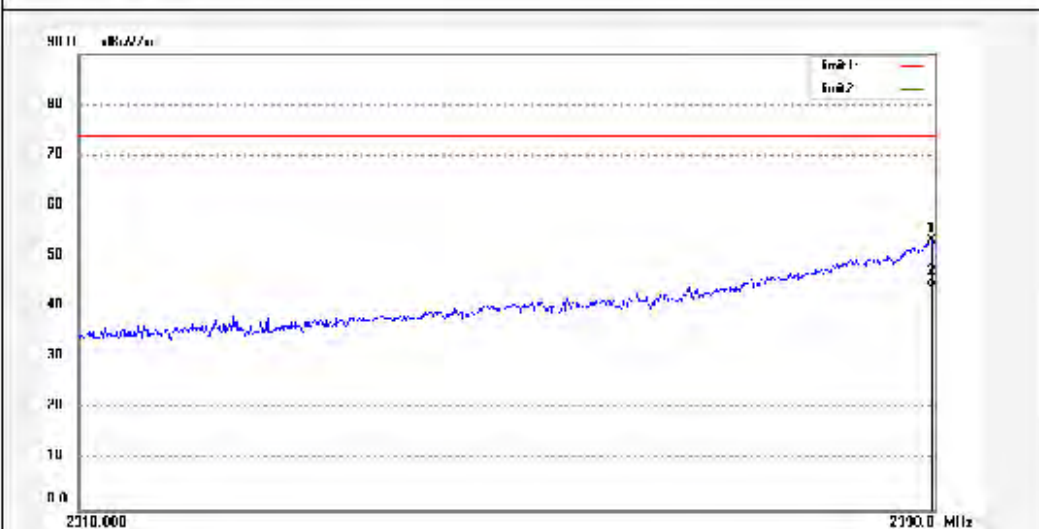


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: PHY #2624	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/08/09/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ContextMedia Health	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: P-TAB-104-ELC-01	
Manufacturer: ContextMedia LLC	

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.760	60.84	-7.53	53.31	74.00	-20.69	peak			
2	2389.760	51.48	-7.53	43.95	54.00	-10.05	AVG			



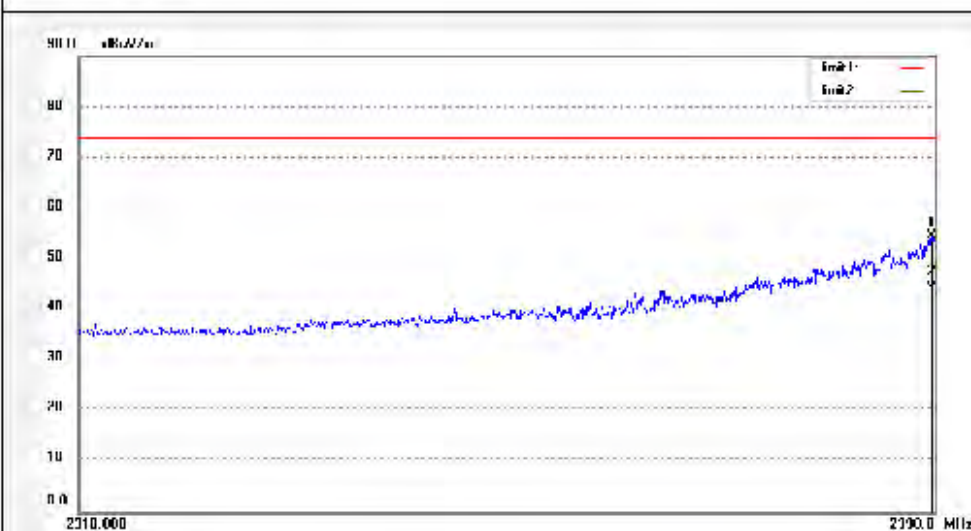
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #2623
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.760	62.10	-7.53	54.57	74.00	-19.43	peak			
2	2389.760	51.84	-7.53	44.31	54.00	-9.69	AVG			

High channel



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Site: 2# Chamber

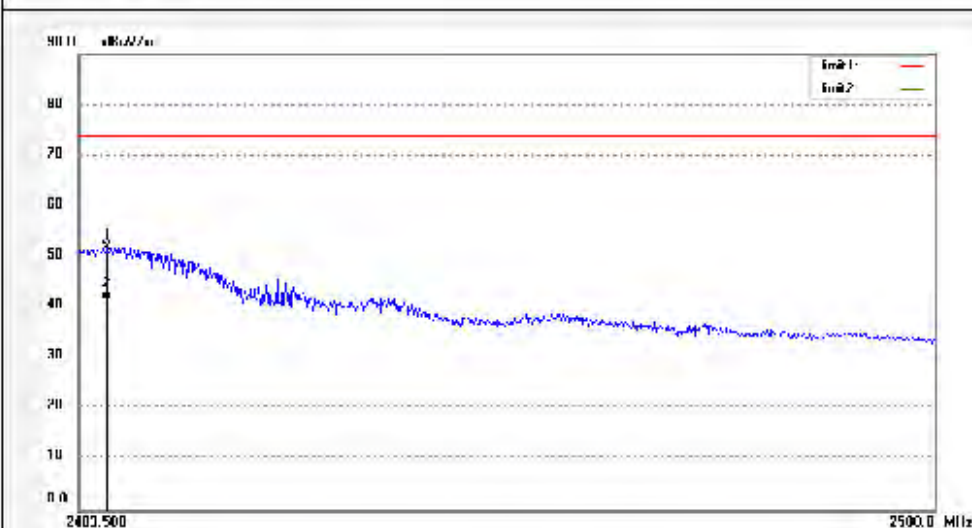
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2630
Standard: FCC(Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.028	59.17	-7.38	51.79	74.00	-22.21	peak			
2	2484.028	48.82	-7.38	41.54	54.00	-12.46	AVG			



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Site: 2# Chamber

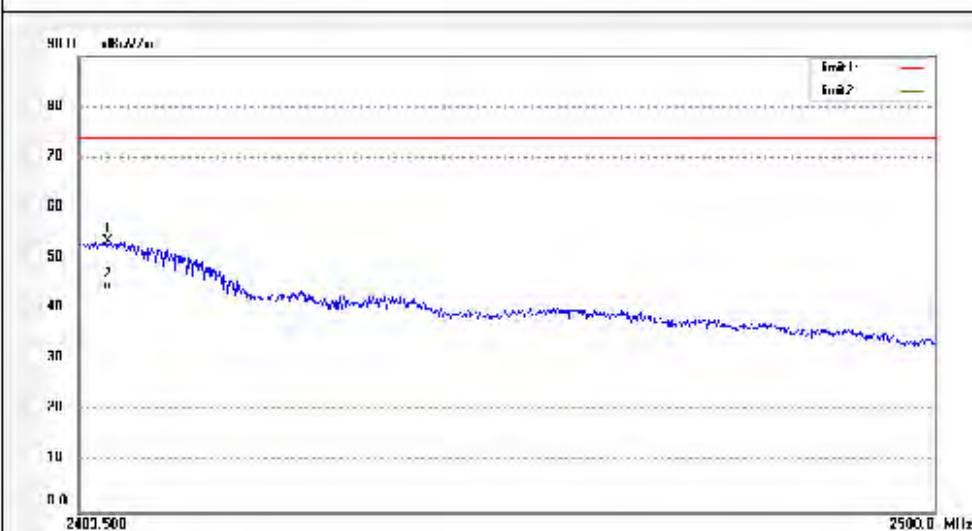
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2629
Standard: FCC(Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/09/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.061	60.82	-7.38	53.44	74.00	-20.56	peak			
2	2484.061	51.12	-7.38	43.74	54.00	-10.26	AVG			

Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps
Low channel



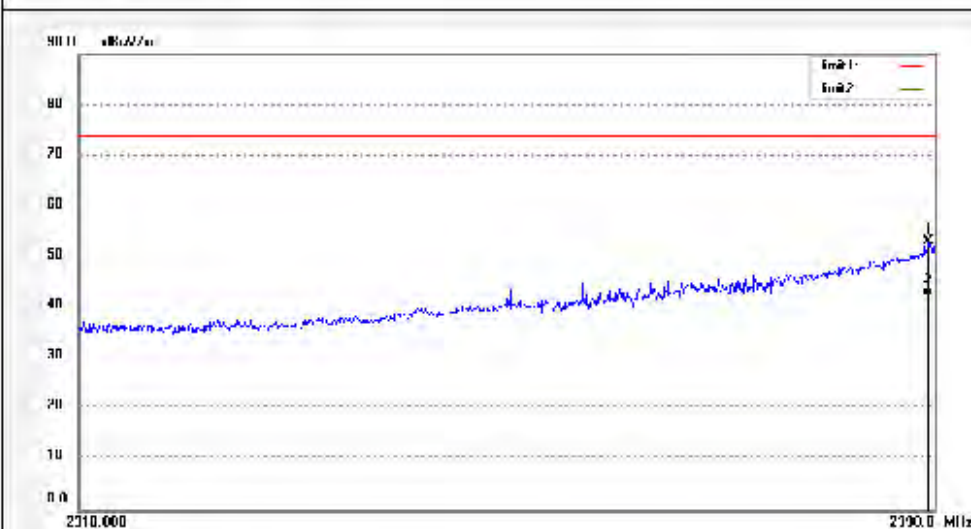
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Site: 2# Chamber
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Job No.: PHY #2640
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.440	80.49	-7.53	52.96	74.00	-21.04	peak			
2	2389.440	49.77	-7.53	42.24	54.00	-11.76	AVG			



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Site: 2# Chamber

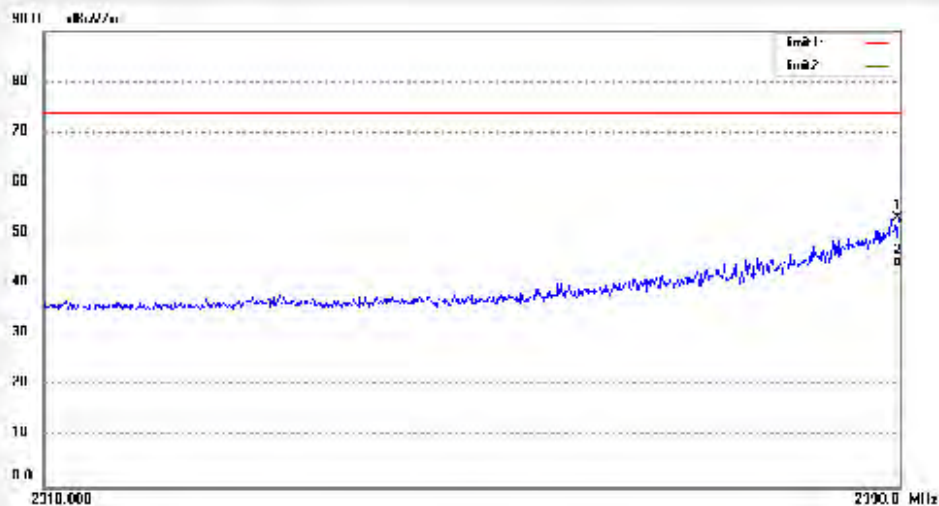
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2639
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2412MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.840	60.64	-7.53	53.11	74.00	-20.89	peak			
2	2389.840	51.18	-7.53	43.65	54.00	-10.35	AVG			

High channel



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Site: 2# Chamber

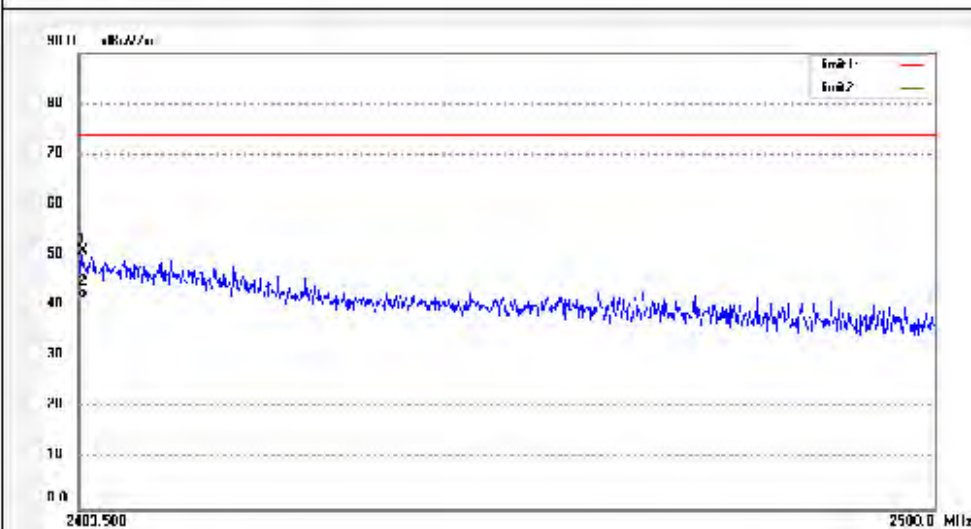
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2646
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.566	58.44	-7.37	51.07	74.00	-22.93	peak			
2	2483.566	49.01	-7.37	41.64	54.00	-12.36	AVG			



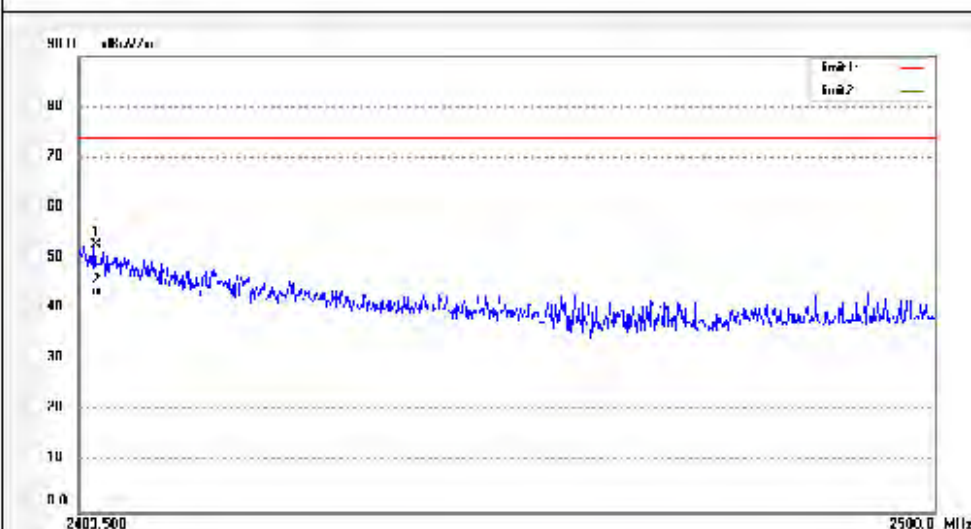
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PHY #2645
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2482MHz
Model: P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/08/27/
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.830	60.21	-7.38	52.83	74.00	-21.17	peak			
2	2483.830	49.96	-7.38	42.58	54.00	-11.42	AVG			

Appendix E.3: Conducted Emission on AC Mains B mode

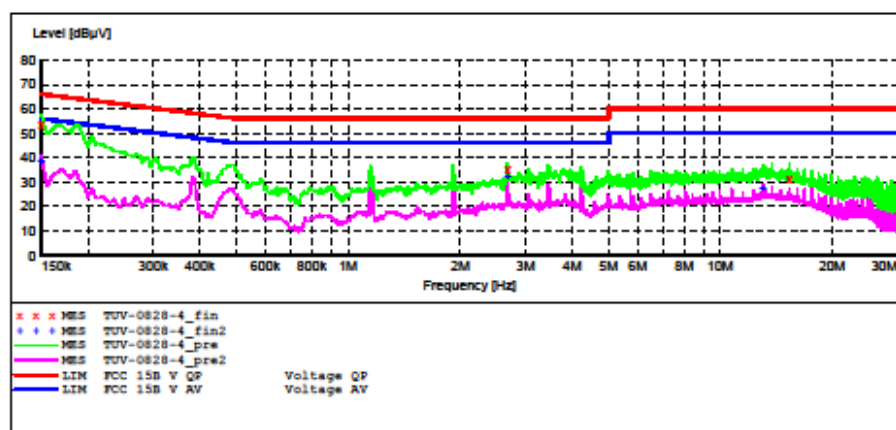
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
Manufacturer: ContextMedia LLC
Operating Condition: On with WiFi (2.4G)
Test Site: 1#Shielding Room
Operator: LGWADE
Test Specification: L 120V/60Hz
Comment: Mains Port
Start of Test: 8/28/2016 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
150.0 kHz 30.0 MHz 5.0 kHz Average
QuasiPeak 1.0 s 9 kHz NSLK8126 2008
Average



MEASUREMENT RESULT: "TUV-0828-4_fin"

8/28/2016

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.150000	54.00	10.5	66	12.0	QP	L1	GND
2.680000	35.20	11.0	56	20.8	QP	L1	GND
15.310000	31.50	11.4	60	28.5	QP	L1	GND

MEASUREMENT RESULT: "TUV-0828-4_fin2"

8/28/2016

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.150000	38.70	10.5	56	17.3	AV	L1	GND
2.680000	32.10	11.0	46	13.9	AV	L1	GND
13.015000	27.40	11.3	50	22.6	AV	L1	GND

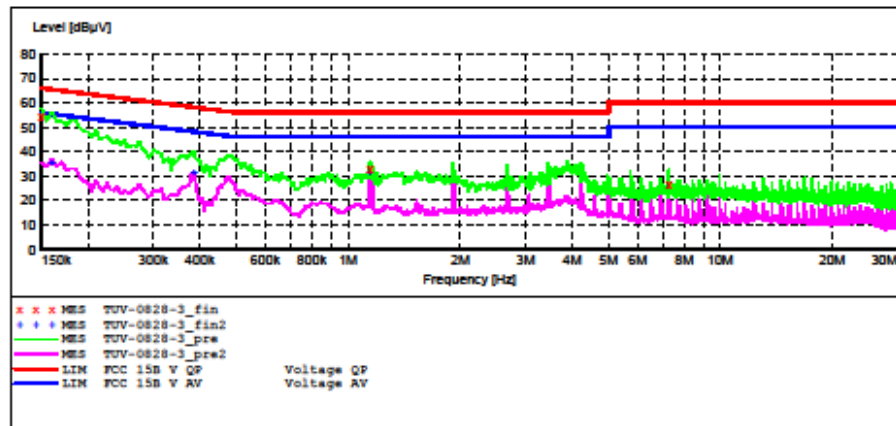
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: ContextMedia Health M/N:P-TAB-104-ELC-01
 Manufacturer: ContextMedia LLC
 Operating Condition: On with WiFi(2.4G)
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 8/28/2016 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 150.0 kHz 30.0 MHz 5.0 kHz Average
 QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "TUV-0828-3_fin"

8/28/2016

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.150000	54.40	10.5	66	11.6	QP	N	GND
1.145000	32.80	10.9	56	23.2	QP	N	GND
7.270000	26.70	11.2	60	33.3	QP	N	GND

MEASUREMENT RESULT: "TUV-0828-3_fin2"

8/28/2016

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.160000	35.50	10.5	56	20.0	AV	N	GND
0.385000	31.70	10.7	48	16.5	AV	N	GND
1.145000	31.70	10.9	46	14.3	AV	N	GND