







ISO/IEC17025Accredited Lab.

Report No: FCC 1403122 File reference No: 2014-04-25

Applicant: Luzerne Trading Company, Inc.

Product: Tablet PC

Model No: ET7050D, ET7030, ET7052, ET9184, ET9185, ET1084,

ET1085

Trademark: Impecca

Test Standards: FCC Part 15 Subpart C, Paragraph 15.247

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.4 and FCC Part 15 Subpart C,

Paragraph 15.247 regulations for the evaluation of

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung Manager

Dated: April 25, 2014

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO., LTD

5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd. CheGongMiao, FuTian District, Shenzhen, CHINA.

Tel (755) 83448688 Fax (755) 83442996

Report No: 1403122 Page 2 of 101

Date: 2014-04-25



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAL. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAL-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAL/AC01:2002 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

IC- Registration No.: IC5205A-02

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-02.

Page 3 of 101

Report No: 1403122 Date: 2014-04-25



Test Report Conclusion

Content

1.0	General Details	4
1.1	Test Lab Details.	4
1.2	Applicant Details	4
1.3	Description of EUT	4
1.4	Submitted Sample	5
1.5	Test Duration.	5
1.6	Test Uncertainty.	5
1.7	Test By	5
2.0	List of Measurement Equipment.	6
3.0	Technical Details	9
3.1	Summary of Test Results	9
3.2	Test Standards.	9
4.0	EUT Modification.	9
5.0	Power Line Conducted Emission Test.	10
5.1	Schematics of the Test.	10
5.2	Test Method and Test Procedure.	10
5.3	Configuration of the EUT	10
5.4	EUT Operating Condition.	11
5.5	Conducted Emission Limit.	11
5.6	Test Result.	11
6.0	Radiated Emission test	14
6.1	Test Method and Test Procedure.	14
6.2	Configuration of the EUT	14
6.3	EUT Operation Condition.	14
6.4	Radiated Emission Limit	15
7.0	6dB Bandwidth Measurement	38
8.0	Maximum Peak Output Power	57
9.0	Power Spectral Density Measurement.	60
10.0	Out of Band Measurement.	78
11.0	Antenna Requirement.	89
12.0	FCC ID Label.	90
13.0	Photo of Test Setup and EUT View.	91

Date: 2014-04-25



1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO., LTD

Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd. CheGongMiao, FuTian District,

Shenzhen, CHINA.

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-02

For 3m & 10 m OATS

1.2 Applicant Details

Applicant: Luzerne Trading Company, Inc.

Address: 8 West Market Street Suite # 930 Wilkes-Barre, PA 18701

Telephone: 866-954-4440 Fax: 718-499-9057

1.3 Description of EUT

Product: Tablet PC

Manufacturer: Luzerne Trading Company, Inc.

Address: 8 West Market Street Suite # 930 Wilkes-Barre, PA 18701

Brand Name: Impecca
Model Number: ET7050D,

Additional Model Number: ET7030, ET7052, ET9184, ET9185, ET1084, ET1085

Type of Modulation IEEE 802.11b : DSSS (CCK, QPSK, DBPSK)

IEEE 802.11g/n (HT20/HT40): OFDM(64QAM, 16QAM, QPSK, BPSK)

Frequency range IEEE 802.11b/g/n (HT20) : 2412-2462MHz;

IEEE 802.11n HT40: 2422MHz-2452MHz

Channel Spacing IEEE 802.11b/g/n (HT20/40) : 5MHz
Air Data Rate IEEE 802.11b : 11, 5.5, 2, 1 Mbps

IEEE 802.11g: 54, 48,36, 24, 18, 12, 9, 6 Mbps

IEEE 802.11n HT20: 150, 117, 104, 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6 Mbps IEEE 802.11n HT40: 150, 117, 104, 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6 Mbps

Frequency Selection By software

Channel Number IEEE 802.11b/g/n (HT20): 11 Channels

The report refers only to the sample tested and does not apply to the bulk.

Report No: 1403122 Page 5 of 101
Date: 2014-04-25

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IEEE 802.11n HT40: 7 Channels

Antenna: Integral Antenna with maximum gain 2.0 dBi

Power Supply: Model No.: TPA-915200UU

Input: 100-240V~50/60Hz, 0.3A; Output: 5.0V, 2000mA

Rated input Voltage Input: DC5V, with Li-ion Battery 3.7V, 3000mAh

1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2014-03-24 to 2014-04-24

1.6 Test Uncertainty

Conducted Emissions Uncertainty = 3.6dB

Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

Terry Tang

The sample tested by

Print Name: Terry Tang

Page 6 of 101

Report No: 1403122 Date: 2014-04-25



2.0	Test Equipments							
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date			
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2013-08-23	2014-08-22			
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2013-08-23	2014-08-22			
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2013-08-23	2014-08-22			
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2013-08-25	2014-08-24			
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2013-08-23	2014-08-22			
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2013-08-24	2014-08-23			
System Controller	CT	SC100	-					
Printer	EPSON	РНОТО ЕХЗ	CFNH234850					
Computer	IBM	8434	1S8434KCE99BLXL O*	-	-			
Loop Antenna	EMCO	6502	00042960	2013-08-23	2014-08-22			
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2013-08-23	2014-08-22			
3m OATS			N/A	2013-08-22	2014-08-21			
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170265	2013-08-24	2014-08-23			
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-631	2013-08-24	2014-08-23			
Power meter	Anritsu	ML2487A	6K00003613	2013-08-24	2014-08-23			
Power sensor	Anritsu	MA2491A	32263	2013-08-24	2014-08-23			
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2013-08-24	2014-08-23			
LISN	AFJ	LS16C	10010947251	2013-08-24	2014-08-23			
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22			
9*6*6 Anechoic			N/A	2013-08-22	2014-08-21			
EMI Test Receiver	RS	ESCS30	100139	2013-08-23	2014-08-22			
LISN	AFJ	LS16C	10010947251	2013-08-23	2014-08-22			
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22			

Report No: 1403122 Page 7 of 101

Date: 2014-04-25



2.1 **Auxiliary Equipment**

Name	Model No.	Serial No.	Manufacturer	Cable	FCC ID/DOC
TF Card			Kingston		
Passive Earphone					

Report No: 1403122 Page 8 of 101

Date: 2014-04-25



3. DESCRIPTION OF TEST MODES

IEEE 802.11b, 802.11g, 802.11n (HT20) mode

The EUT had been tested under operating condition. There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2412
Middle	2437
High	2462

IEEE 802.11b mode: 11Mbps data rate (worst case) was chosen for full testing. IEEE 802.11g mode: 54Mbps data rate (worst case) was chosen for full testing. IEEE 802.11n (HT20) mode: 65Mbps data rate (worst case) were chosen for full testing

IEEE 802.11n HT40

The EUT had been tested under operating condition. There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2422
Mid	2437
High	2452

IEEE 802.11n HT40 mode: 65Mbps data rate (worst case) was chosen for full testing.

The worst-case data rates are determined according to the description above, based on the investigations by measuring the PSD and average power across all the data rates, bandwidths, modulations and spatial stream modes.

Report No: 1403122 Page 9 of 101

Date: 2014-04-25



3.0 **Technical Details**

3.1 **Summary of test results**

Standard	Test Type	Result	Notes
CC Part 15, Paragraph 15.107 & 15.207	Conducted Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.247(a)(2) Limit	Spectrum bandwidth of a Orthogonal Frequency Division Multiplex System Limit: 6dB bandwidth>500kHz	PASS	Complies
FCC Part 15, Paragraph 15.247(b)	Maximum peak output power Limit: max. 30dBm	PASS	Complies
FCC Part 15, Paragraph 15.109,15.205 & 15.209	Transmitter Radiated Emission Limit: Table 15.209	PASS	Complies
FCC Part 15, Paragraph 15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Complies
FCC Part 15, Paragraph 15.247(d)	Out of Band Emission and Restricted Band Radiation Limit: 20dB less than peak value of fundamental frequency Restricted band limit: Table 15.209	PASS	Complies

3.2 **Test Standards**

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

EUT Modification 4.0

No modification by Shenzhen Timeway Technology Consulting Co., Ltd

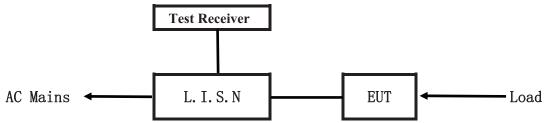
Page 10 of 101

Report No: 1403122 Date: 2014-04-25



5. Power Line Conducted Emission Test

5.1 Schematics of the test

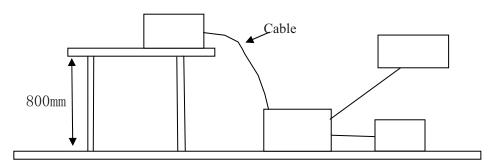


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

A. EUT

Device	Manufacturer	Model	FCC ID
	Luzerne Trading Company, Inc.	ET7050D, ET7030,	
Tablet PC		ET7052, ET9184,	2ACB4-ET7050D
		ET9185, ET1084, ET1085	

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

The report refers only to the sample tested and does not apply to the bulk.

Report No: 1403122 Page 11 of 101

Date: 2014-04-25



C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
N/A				

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003.

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207.

	<u> </u>							
Frequency	Class A Lim	its (dB µ V)	Class B Lim	nits (dB µ V)				
(MHz) Quasi-peak Level		Average Level	Quasi-peak Level	Average Level				
$0.15 \sim 0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*				
$0.50 \sim 5.00$	73.0	60.0	56.0	46.0				
5.00 ~ 30.00	73.0	60.0	60.0	50.0				

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

Date: 2014-04-25



A: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

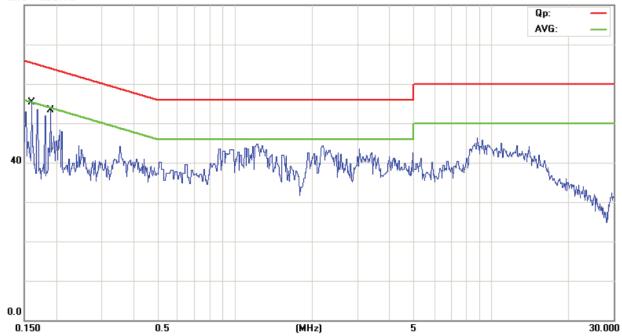
EUT set Condition: Charging and Keep transmitting

Equipment Level: Class B

Results: PASS

Please refer to following diagram for individual





No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.1590	26.30	11.01	37.31	65.52	-28.21	QP	
2	0.1590	0.60	11.01	11.61	55.52	-43.91	AVG	
3	0.1872	20.40	11.04	31.44	64.16	-32.72	QP	
4	0.1872	-3.40	11.04	7.64	54.16	-46.52	AVG	

Date: 2014-04-25



B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

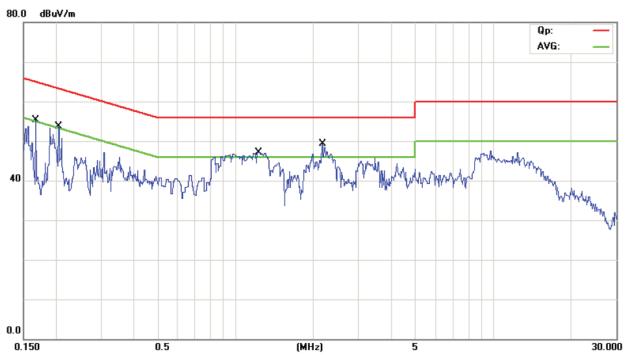
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Charging and Keep transmitting

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.1655	15.90	11.02	26.92	65.18	-38.26	QP	
2	0.1655	-6.50	11.02	4.52	55.18	-50.66	AVG	
3	0.2030	30.60	11.06	41.66	63.49	-21.83	QP	
4	0.2030	15.30	11.06	26.36	53.49	-27.13	AVG	
5 *	1.2278	32.00	11.99	43.99	56.00	-12.01	QP	
6	1.2278	15.00	11.99	26.99	46.00	-19.01	AVG	
7	2.1528	28.20	12.36	40.56	56.00	-15.44	QP	
8	2.1528	13.40	12.36	25.76	46.00	-20.24	AVG	

The report refers only to the sample tested and does not apply to the bulk.

Report No: 1403122 Page 14 of 101

Date: 2014-04-25



6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2003.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are Quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=10Hz and PK detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup Distance = 3m Computer Pre -Amplifier EUT Turn-table Receiver

- 6.2 Configuration of The EUT

 Same as section 5.3 of this report
- 6.3 EUT Operating Condition
 Same as section 5.4 of this report.

Report No: 1403122 Page 15 of 101

Date: 2014-04-25



6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

Frequencies in restricted band are complied to limit on Paragraph 15.209

	1	8 1
Frequency Range (MHz)	Distance (m)	Field strength (dB µ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
- 2. In the Above Table, the higher limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

Report No: 1403122 Page 16 of 101



Test result

Date: 2014-04-25

General Radiated Emission Data and Harmonics Radiated Emission Data

Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Charging and Keep transmitting

Results: Pass

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \mu V/m)
123.760	30.24	Н	43.50
445.440	33.35	Н	46.00
216.000	35.12	Н	43.50
102.640	32.10	V	43.50
58.280	22.25	V	40.00
216.000	26.48	V	43.50

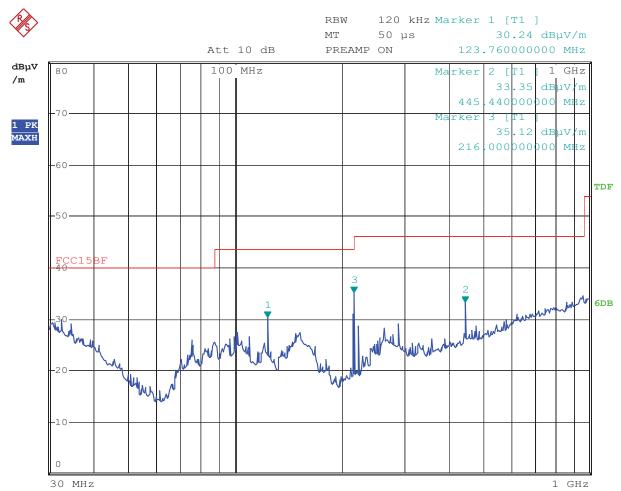
Report No: 1403122 Page 17 of 101

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Test Figure:

Date: 2014-04-25

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Date: 24.APR.2014 16:55:08

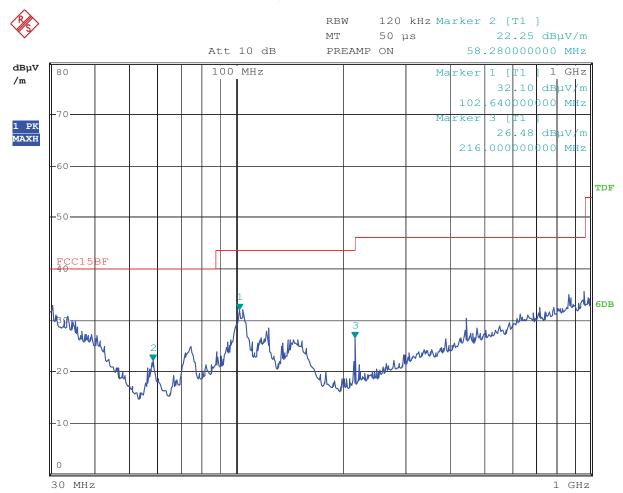
Report No: 1403122 Page 18 of 101

TIMEWAY

Test Figure:

Date: 2014-04-25

V



Date: 24.APR.2014 16:50:48

Report No: 1403122 Page 19 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH01 for 11g at 54Mbps

Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \mu V/m)
95.39 (PK)	Н	Evan do ma anta 1 Ena avan ava
95.69 (PK)	V	Fundamental Frequency
48.28 (PK)	Н	74(Peak)/ 54(AV)
48.82 (PK)	V	74(Peak)/ 54(AV)
	H/V	74(Peak)/ 54(AV)
	95.39 (PK) 95.69 (PK) 48.28 (PK)	95.39 (PK) H 95.69 (PK) V 48.28 (PK) H 48.82 (PK) V H/V H/V H/V H/V H/V H/V H/V H/V

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11g mode 54Mbps

Report No: 1403122 Page 20 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH06 for 11g at 54Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \mu V/m)
2437.00	95.47 (PK)	Н	Fundamental Frequency
2437.00	92.94 (PK)	V	Fundamental Frequency
4874.00	48.47 (PK)	Н	74(Peak)/ 54(AV)
4874.00	48.32 (PK)	V	74(Peak)/ 54(AV)
7311.00		H/V	74(Peak)/ 54(AV)
9748.00		H/V	74(Peak)/ 54(AV)
12185		H/V	74(Peak)/ 54(AV)
14622		H/V	74(Peak)/ 54(AV)
17059		H/V	74(Peak)/ 54(AV)
19496		H/V	74(Peak)/ 54(AV)
21933		H/V	74(Peak)/ 54(AV)
24370		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11g mode 54 Mbps

Operation Mode: Transmitting under CH11 for 11g at 54Mbps

	1		
Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \mu V/m)
2462.00	94.34 (PK)	Н	Fundamental Frequency
2462.00	94.25 (PK)	V	Fundamental Frequency
4924	48.58 (PK)	Н	74(Peak)/ 54(AV)
4924	48.14 (PK)	V	74(Peak)/ 54(AV)
7368		H/V	74(Peak)/ 54(AV)
9848		H/V	74(Peak)/ 54(AV)
12310		H/V	74(Peak)/ 54(AV)
14772		H/V	74(Peak)/ 54(AV)
17234		H/V	74(Peak)/ 54(AV)
19696		H/V	74(Peak)/ 54(AV)
22158		H/V	74(Peak)/ 54(AV)
24650		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11g mode at 54 Mbps

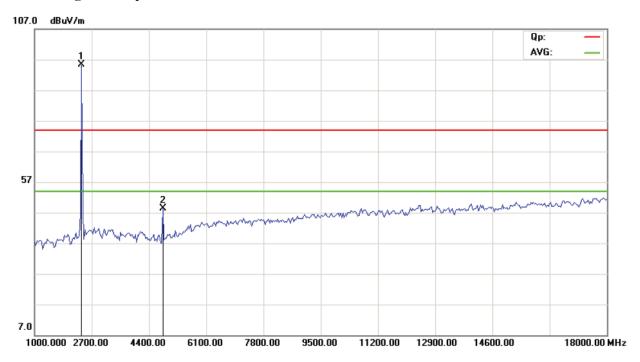
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Report No: 1403122 Date: 2014-04-25

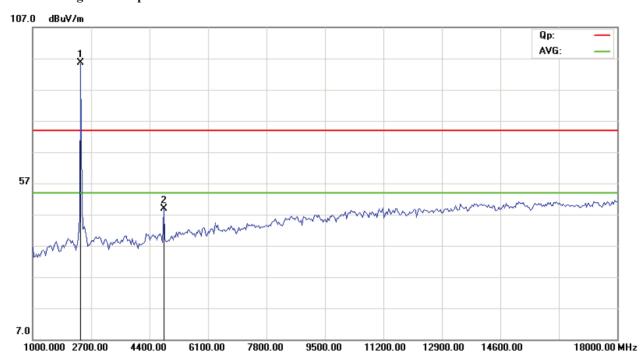


Please refer to the following test plots for details:

CH01 for 11g at 54Mbps: Horizontal



CH01 for 11g at 54Mbps: Vertical



The report refers only to the sample tested and does not apply to the bulk.

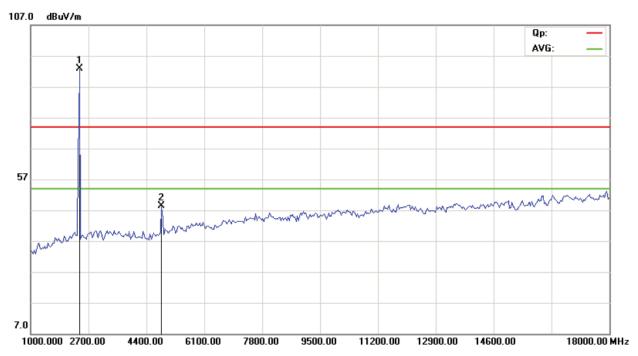
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Page 22 of 101

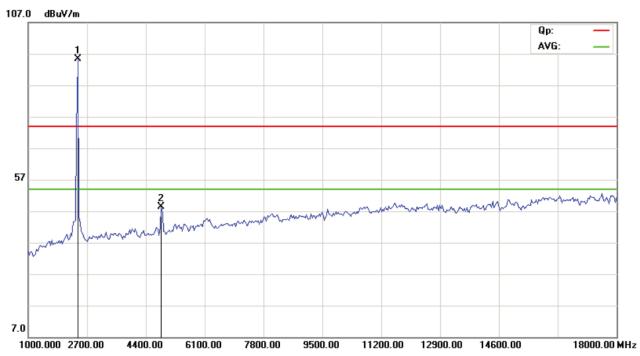
Report No: 1403122 Date: 2014-04-25



CH06 for 11g at 54Mbps: Vertical



CH06 for 11g at 54Mbps: Horizontal

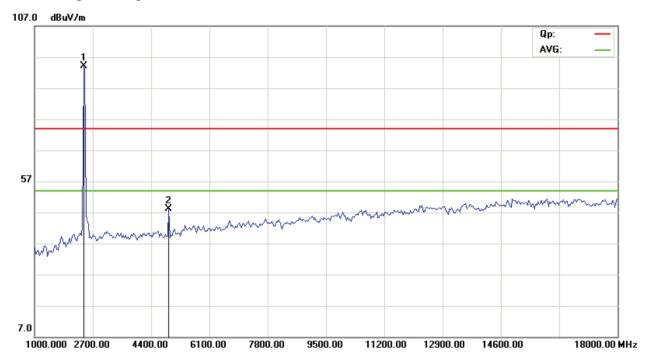


The report refers only to the sample tested and does not apply to the bulk.

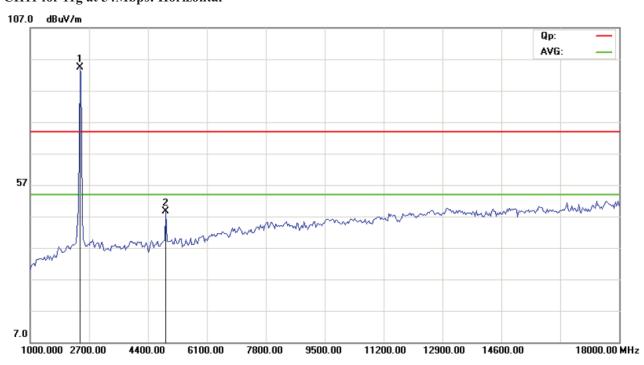
Report No: 1403122 Date: 2014-04-25



CH11 for 11g at 54Mbps: Vertical



CH11 for 11g at 54Mbps: Horizontal



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

The report refers only to the sample tested and does not apply to the bulk.

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Report No: 1403122 Page 24 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH01 for 11b at 11Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
2412.00	94.76 (PK)	V	Evan dominantal Englavior av
2412.00	94.26 (PK)	Н	Fundamental Frequency
4824.00	48.32 (PK)	Н	74(Peak)/ 54(AV)
4824.00	47.09 (PK)	V	74(Peak)/ 54(AV)
7236.00		H/V	74(Peak)/ 54(AV)
9648.00		H/V	74(Peak)/ 54(AV)
12060		H/V	74(Peak)/ 54(AV)
14472		H/V	74(Peak)/ 54(AV)
16684		H/V	74(Peak)/ 54(AV)
19296		H/V	74(Peak)/ 54(AV)
21708		H/V	74(Peak)/ 54(AV)
24120		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11b mode 11Mbps

Operation Mode: Transmitting under CH06 for 11b at 11Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
2437.00	93.63 (PK)	Н	Fundamental Frequency
2437.00	93.65 (PK)	V	Fundamental Frequency
4874.00	48.01 (PK)	Н	74(Peak)/ 54(AV)
4874.00	49.08 (PK)	V	74(Peak)/ 54(AV)
7311.00	-	H/V	74(Peak)/ 54(AV)
9748.00		H/V	74(Peak)/ 54(AV)
12185	-	H/V	74(Peak)/ 54(AV)
14622	-	H/V	74(Peak)/ 54(AV)
17059	-	H/V	74(Peak)/ 54(AV)
19496		H/V	74(Peak)/ 54(AV)
21933		H/V	74(Peak)/ 54(AV)
24370		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11b mode 11Mbps

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Report No: 1403122 Page 25 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH11 for 11b at 11Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \mu V/m)
2462.00	95.24 (PK)	Н	Even do mo out of Euro aven ave
2462.00	95.17 (PK)	V	Fundamental Frequency
4924	47.79 (PK)	Н	74(Peak)/ 54(AV)
4924	49.13 (PK)	V	74(Peak)/ 54(AV)
7368		H/V	74(Peak)/ 54(AV)
9848		H/V	74(Peak)/ 54(AV)
12310		H/V	74(Peak)/ 54(AV)
14772		H/V	74(Peak)/ 54(AV)
17234		H/V	74(Peak)/ 54(AV)
19696		H/V	74(Peak)/ 54(AV)
22158		H/V	74(Peak)/ 54(AV)
24650		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

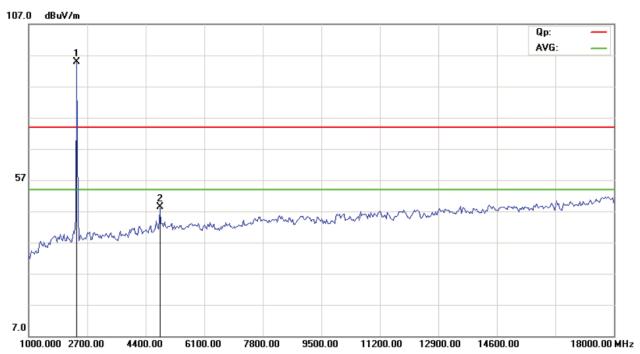
- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11b mode at 11Mbps

Report No: 1403122 Date: 2014-04-25

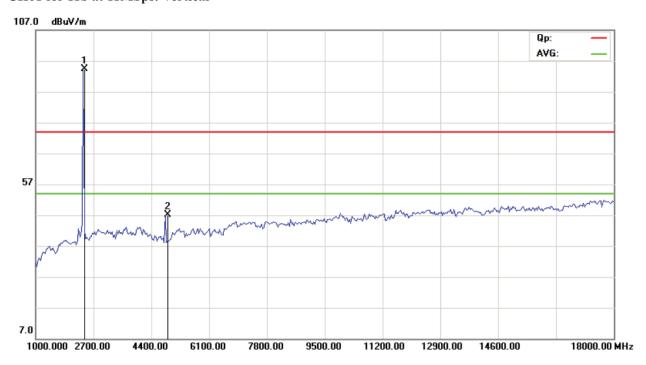


Please refer to the following test plots for details:

CH01 for 11b at 11Mbps: Horizontal



CH01 for 11b at 11Mbps: Vertical



The report refers only to the sample tested and does not apply to the bulk.

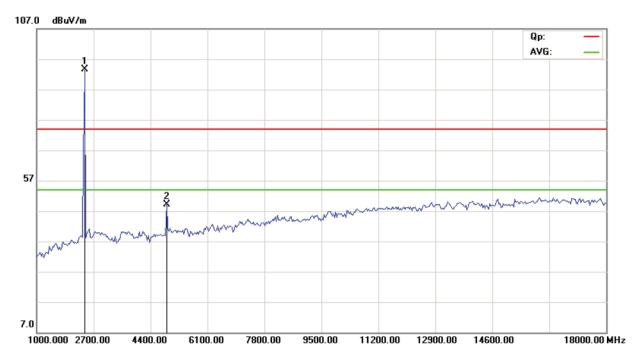
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Page 27 of 101

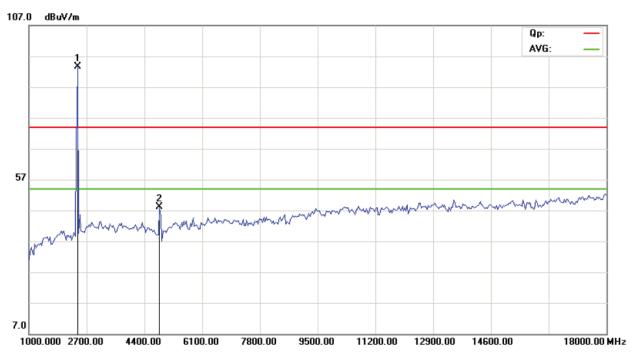
Report No: 1403122 Date: 2014-04-25



CH06 for 11b at 11Mbps: Vertical



CH06 for 11b at 11Mbps: Horizontal

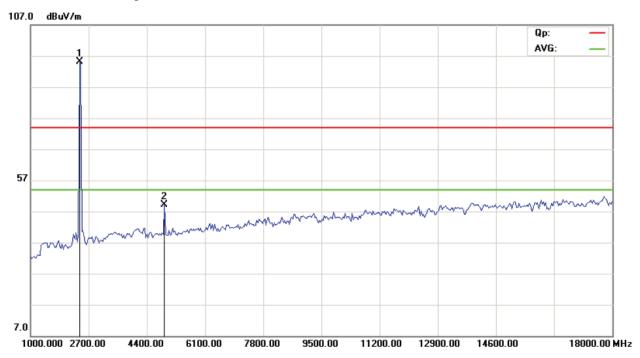


The report refers only to the sample tested and does not apply to the bulk.

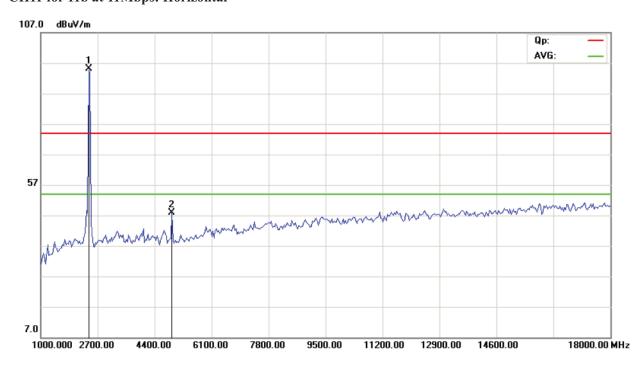
Report No: 1403122 Date: 2014-04-25



CH11 for 11b at 11Mbps: Vertical



CH11 for 11b at 11Mbps: Horizontal



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

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Report No: 1403122 Page 29 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH01 for 11n HT20 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
2412.00	95.36 (PK)	Н	Fundamental Frequency
2412.00	95.42 (PK)	V	Fundamental Frequency
4824.00	48.35 (PK)	Н	74(Peak)/ 54(AV)
4824.00	49.09 (PK)	V	74(Peak)/ 54(AV)
7236.00		H/V	74(Peak)/ 54(AV)
9648.00		H/V	74(Peak)/ 54(AV)
12060		H/V	74(Peak)/ 54(AV)
14472		H/V	74(Peak)/ 54(AV)
16684		H/V	74(Peak)/ 54(AV)
19296		H/V	74(Peak)/ 54(AV)
21708		H/V	74(Peak)/ 54(AV)
24120		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT20) mode 65Mbps

Operation Mode: Transmitting under CH06 for 11n HT20 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
2437.00	94.55 (PK)	Н	Fundamental Frequency
2437.00	94.51 (PK)	V	Fundamental Frequency
4874.00	49.04 (PK)	Н	74(Peak)/ 54(AV)
4874.00	47.88 (PK)	V	74(Peak)/ 54(AV)
7311.00	-	H/V	74(Peak)/ 54(AV)
9748.00		H/V	74(Peak)/ 54(AV)
12185	-	H/V	74(Peak)/ 54(AV)
14622	-	H/V	74(Peak)/ 54(AV)
17059	-	H/V	74(Peak)/ 54(AV)
19496		H/V	74(Peak)/ 54(AV)
21933		H/V	74(Peak)/ 54(AV)
24370		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT20) mode 65Mbps

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Report No: 1403122 Page 30 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH11 for 11n HT20 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
2462.00	93.62 (PK)	Н	Fundamental Frequency
2462.00	93.31 (PK)	V	rundamental Frequency
4924	48.19 (PK)	Н	74(Peak)/ 54(AV)
4924	48.14 (PK)	V	74(Peak)/ 54(AV)
7368		H/V	74(Peak)/ 54(AV)
9848		H/V	74(Peak)/ 54(AV)
12310		H/V	74(Peak)/ 54(AV)
14772		H/V	74(Peak)/ 54(AV)
17234		H/V	74(Peak)/ 54(AV)
19696		H/V	74(Peak)/ 54(AV)
22158		H/V	74(Peak)/ 54(AV)
24650		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

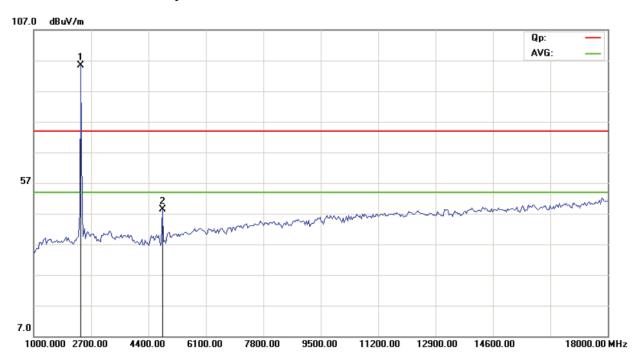
- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT20) mode 65Mbps

Report No: 1403122 Date: 2014-04-25

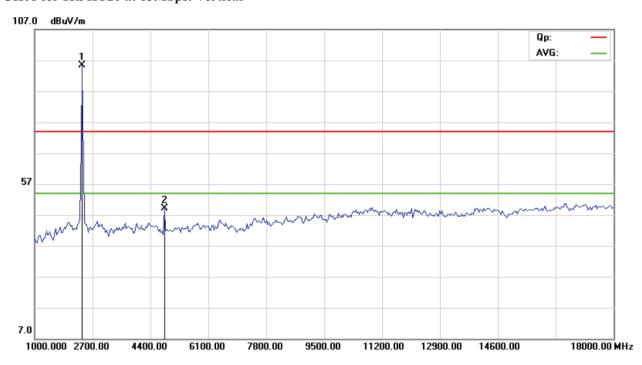


Please refer to the following test plots for details:

CH01 for 11n HT20 at 65Mbps: Horizontal



CH01 for 11n HT20 at 65Mbps: Vertical



The report refers only to the sample tested and does not apply to the bulk.

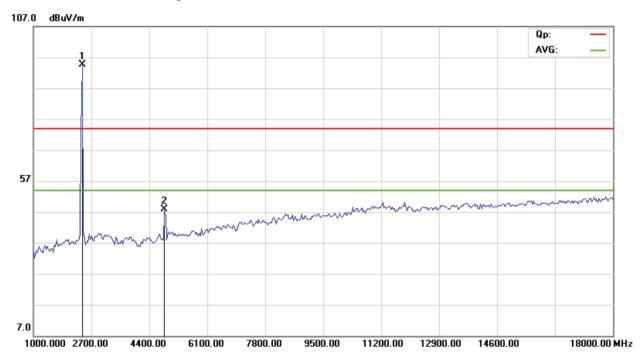
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Page 32 of 101

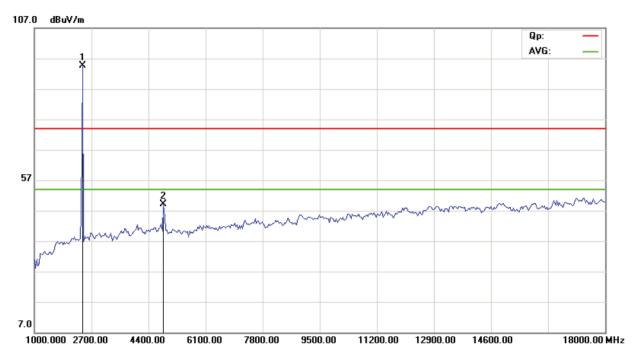
Report No: 1403122 Date: 2014-04-25



CH06 for 11n HT20 at 65Mbps: Vertical



CH06 for 11n HT20 at 65Mbps: Horizontal

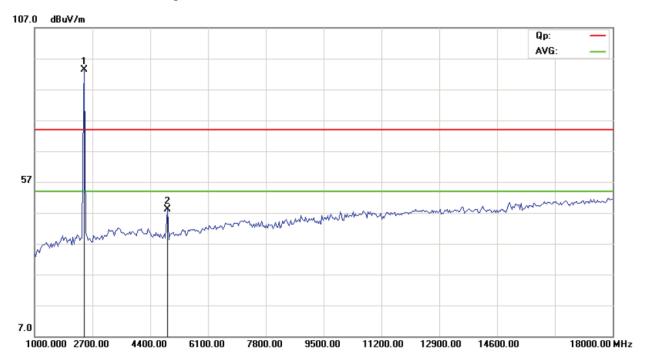


The report refers only to the sample tested and does not apply to the bulk.

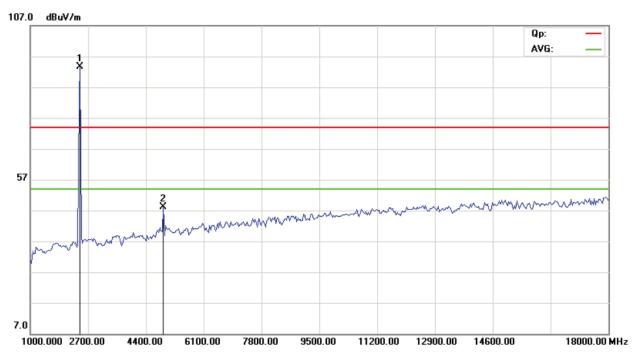
Report No: 1403122 Date: 2014-04-25



CH11 for 11n HT20 at 65Mbps: Vertical



CH11 for 11n HT20 at 65Mbps: Horizontal



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Report No: 1403122 Page 34 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH01 for 11n HT40 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
2422.00	90.51 (PK)	V	Fundamental Frequency
2422.00	90.94 (PK)	Н	Fundamental Frequency
4844.00	48.01 (PK)	V	74(Peak)/ 54(AV)
4844.00	47.27 (PK)	Н	74(Peak)/ 54(AV)
7266.00		H/V	74(Peak)/ 54(AV)
9688.00		H/V	74(Peak)/ 54(AV)
12110		H/V	74(Peak)/ 54(AV)
14532		H/V	74(Peak)/ 54(AV)
16954		H/V	74(Peak)/ 54(AV)
19376		H/V	74(Peak)/ 54(AV)
21798		H/V	74(Peak)/ 54(AV)
24220		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT40) mode 65Mbps

Operation Mode: Transmitting under CH04 for 11n HT40 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
2437.00	92.22 (PK)	Н	Fundamental Frequency
2437.00	92.65 (PK)	V	
4874.00	49.18 (PK)	Н	74(Peak)/ 54(AV)
4874.00	48.03 (PK)	V	74(Peak)/ 54(AV)
7311.00	-	H/V	74(Peak)/ 54(AV)
9748.00		H/V	74(Peak)/ 54(AV)
12185		H/V	74(Peak)/ 54(AV)
14622	-	H/V	74(Peak)/ 54(AV)
17059	-	H/V	74(Peak)/ 54(AV)
19496		H/V	74(Peak)/ 54(AV)
21933		H/V	74(Peak)/ 54(AV)
24370		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT40) mode 65Mbps

The report refers only to the sample tested and does not apply to the bulk.

Report No: 1403122 Page 35 of 101

Date: 2014-04-25



Operation Mode: Transmitting under CH7 for 11n HT40 at 65Mbps

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
2452.00	91.35 (PK)	Н	Fundamental Frequency
2452.00	91.06 (PK)	V	
4904	48.32 (PK)	Н	74(Peak)/ 54(AV)
4904	47.08 (PK)	V	74(Peak)/ 54(AV)
7356		H/V	74(Peak)/ 54(AV)
9808		H/V	74(Peak)/ 54(AV)
12260		H/V	74(Peak)/ 54(AV)
14712		H/V	74(Peak)/ 54(AV)
17164		H/V	74(Peak)/ 54(AV)
19616		H/V	74(Peak)/ 54(AV)
22068		H/V	74(Peak)/ 54(AV)
24520		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

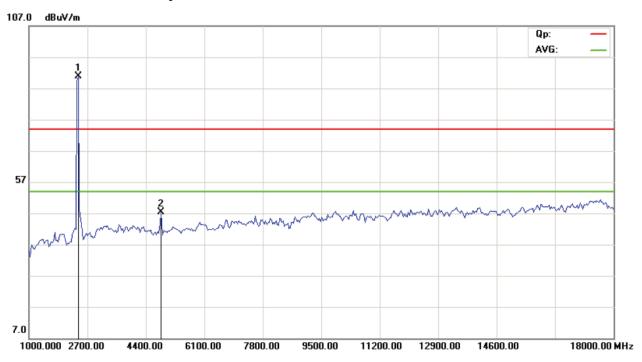
- 2. Remark "---" means that the emissions level is too low to be measured
- 3. For 802.11n (HT40) mode 65Mbps

Report No: 1403122 Date: 2014-04-25

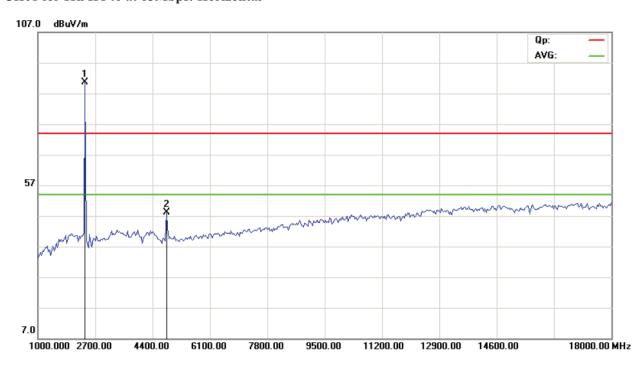


Please refer to the following test plots for details:

CH01 for 11n HT40 at 65Mbps: Vertical



CH01 for 11n HT40 at 65Mbps: Horizontal



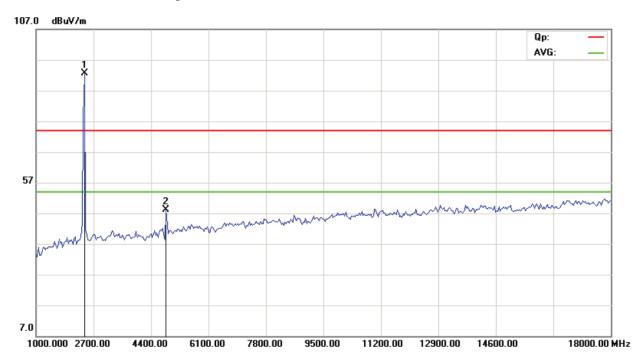
The report refers only to the sample tested and does not apply to the bulk.

Page 37 of 101

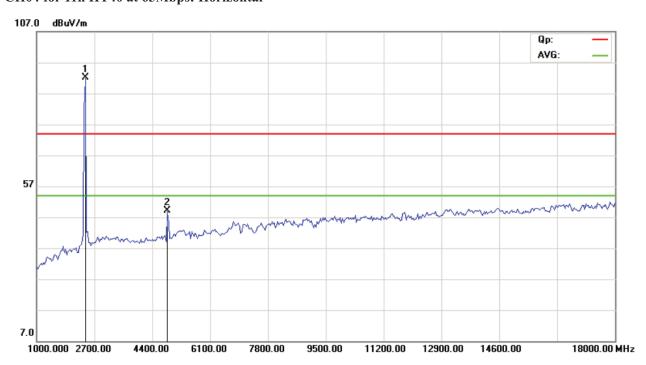
Report No: 1403122 Date: 2014-04-25



CH04 for 11n HT40 at 65Mbps: Vertical



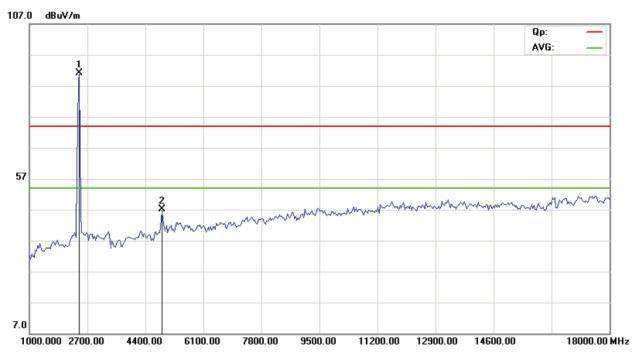
CH04 for 11n HT40 at 65Mbps: Horizontal



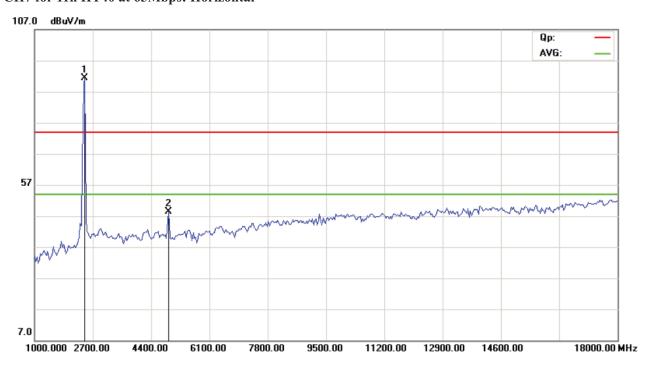
Report No: 1403122 Date: 2014-04-25



CH7 for 11n HT40 at 65Mbps: Vertical



CH7 for 11n HT40 at 65Mbps: Horizontal



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

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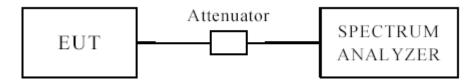
Report No: 1403122 Page 39 of 101

Date: 2014-04-25



7.0 6dB Bandwidth Measurement

7.1 Test Setup



7.2 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is >500 kHz

7.3 Test Procedure

- 1. Set resolution bandwidth (RBW) = 100 kHz
- 2. Set the video bandwidth (VBW) \geq 3 x RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.4 Test Result

Report No: 1403122 Page 40 of 101

Date: 2014-04-25



6dB Occupied Bandwidth

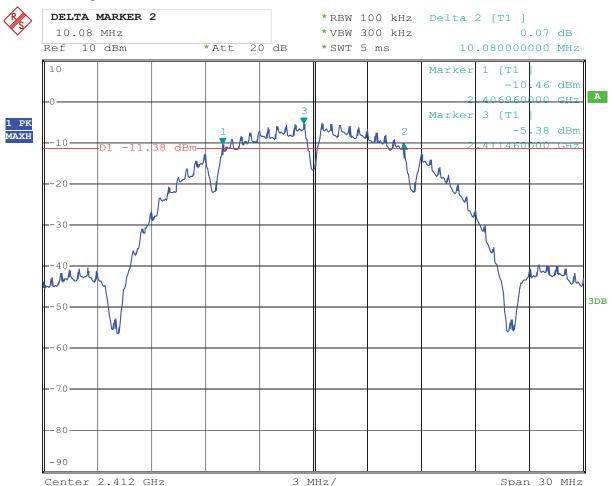
EUT		Tablet PC		Model		ET7050D, ET7030, ET7052, ET9184, ET9185, ET1084, ET1085	
Mode		802.111	0	Input Voltage			AC 120V
Temperate	ure	24 deg. (C,	Humidity			56% RH
Channel		el Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (MHz)		mum Limit MHz)	Pass/ Fail
1	2412		1	10.08	0.5		Pass
6		2437		10.08		0.5	Pass
11		2462	1	10.08		0.5	Pass
1	2412		11	9.48		0.5	Pass
6		2437	11	9.48		0.5	Pass
11		2462	11	9.48		0.5	Pass

Report No: 1403122 Page 41 of 101

TIMEWAY TYSSINGS LADS

1. 802.11b at 1Mbps of CH01

Date: 2014-04-25



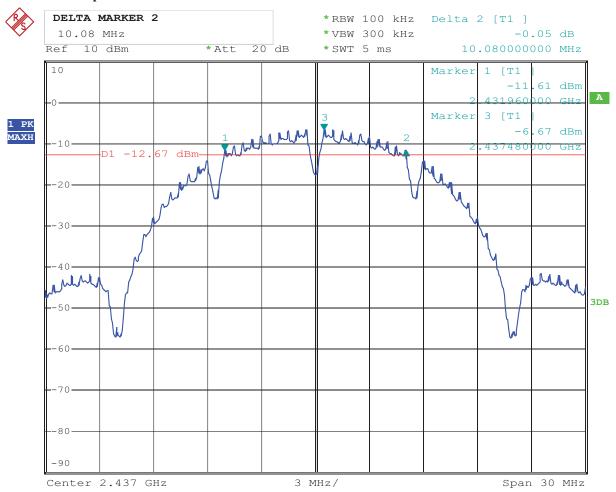
Date: 24.MAR.2014 10:04:37

Report No: 1403122 Page 42 of 101

TIMEWAY TO STANG LARGE

2. 802.11b at 1Mbps of CH06

Date: 2014-04-25



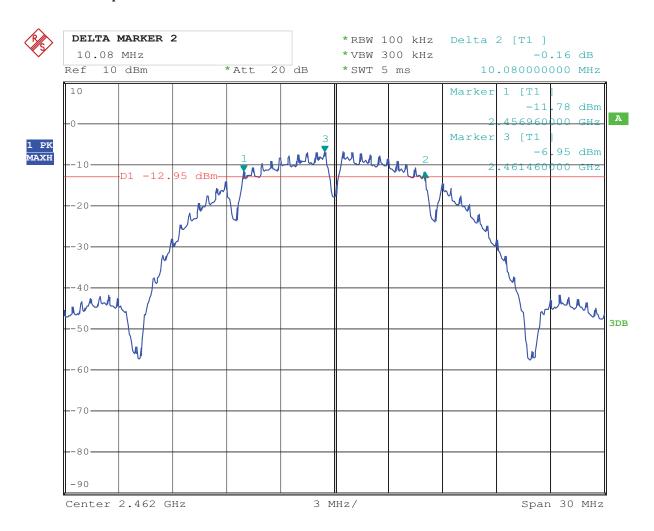
Date: 24.MAR.2014 11:37:33

Report No: 1403122 Page 43 of 101

Date: 2014-04-25



3. 802.11b at 1Mbps of CH11



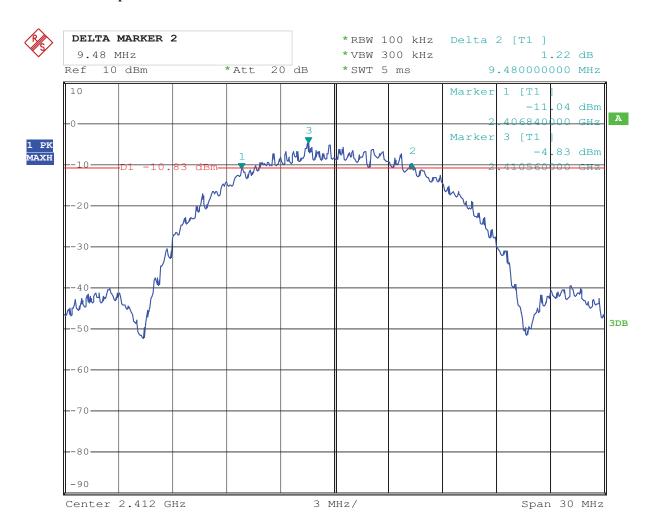
Date: 24.MAR.2014 11:38:30

Report No: 1403122 Page 44 of 101

Date: 2014-04-25



4. 802.11b at 11Mbps of CH01



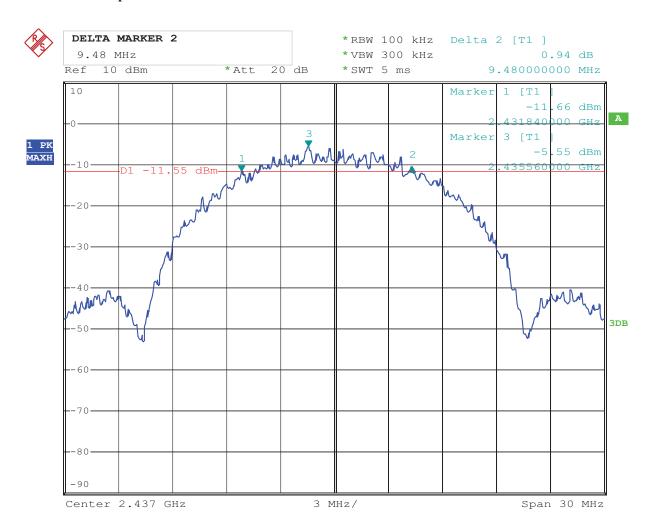
Date: 24.MAR.2014 10:10:16

Report No: 1403122 Page 45 of 101

Date: 2014-04-25



5. 802.11b at 11Mbps of CH06



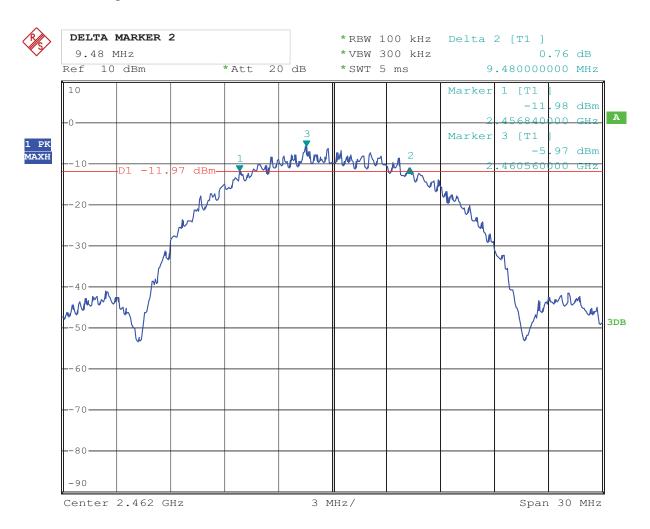
Date: 24.MAR.2014 11:35:16

Report No: 1403122 Page 46 of 101

Date: 2014-04-25



6. 802.11b at 11Mbps of CH11



Date: 24.MAR.2014 11:41:16

Report No: 1403122 Page 47 of 101

Date: 2014-04-25



6dB Occupied Bandwidth

EUT		Tablet PC	Model		ET7050D, ET7030, ET ET9185, ET1084, ET1	
Mode		802.11g	Input Vol	tage	AC 12	0V
Temperat	ure	24 deg. C,	Humidity		56% F	RH
Channel	C	hannel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidtl (MHz)	Minimum Limit (MHz)	Pass/ Fail
1		2412	54	16.56	0.5	Pass
6		2437	54	16.56	0.5	Pass
11		2462	54	16.56	0.5	Pass

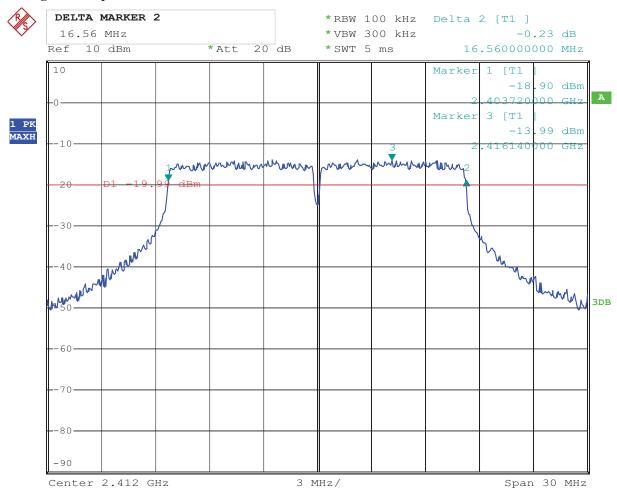
Report No: 1403122 Page 48 of 101

Date: 2014-04-25



Test Plots:

1. 802.11g at 54Mbps of CH01



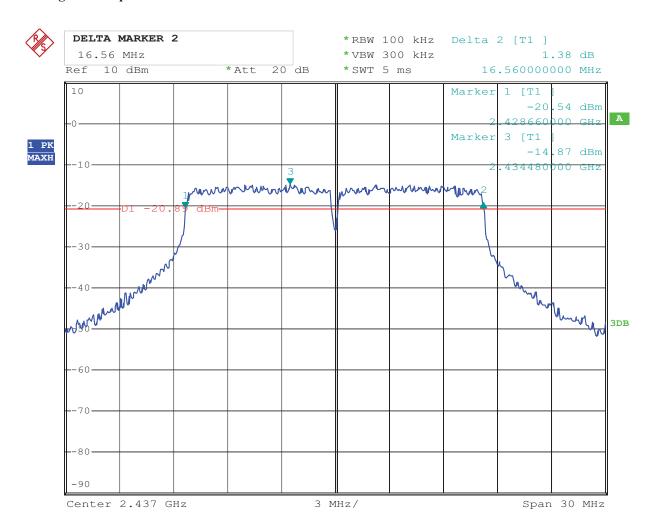
Date: 24.MAR.2014 10:08:57

Report No: 1403122 Page 49 of 101

Date: 2014-04-25



2. 802.11g at 54Mbps of CH06



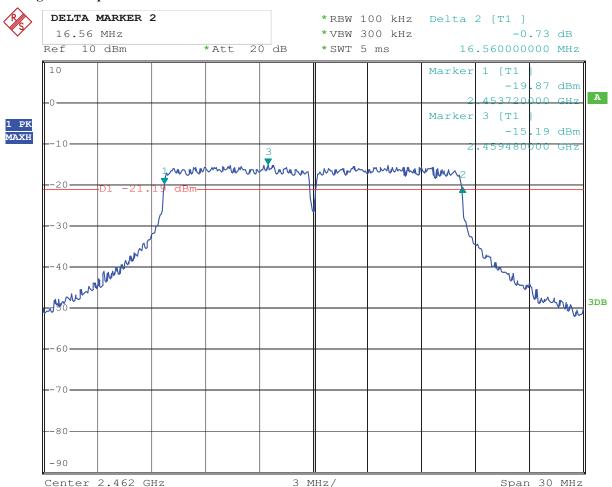
Date: 24.MAR.2014 11:36:37

Report No: 1403122 Page 50 of 101

Date: 2014-04-25



3. 802.11g at 54Mbps of CH11



Date: 24.MAR.2014 11:39:57

Report No: 1403122 Page 51 of 101

Date: 2014-04-25



6dB Occupied Bandwidth

EUT			Tablet PC		Model		ET7050D, ET7030, ET7052, ET9184, ET9185, ET1084, ET1085	
Mode			802.11n		Input Vol	tage		AC 120V
Temperat	ure		24 deg. C,		Humidity			56% RH
Channel		el Frequency (MHz)	Data Transfer Rate (Mbps)		Bandwidth Minimum Limi (MHz) (MHz)			Pass/ Fail
1		2412	HT20 65Mbps	17	.76	0.5		Pass
6		2437	2437 HT20 65Mbps 17.7		.76		0.5	Pass
11		2462	HT20 65Mbps	17	.76		0.5	Pass
1		2422	HT40 65Mbps	36.40			0.5	Pass
4		2437	HT40 65Mbps	36.40		0.5		Pass
7		2452 HT40 65Mbps		36.40		0.5		Pass

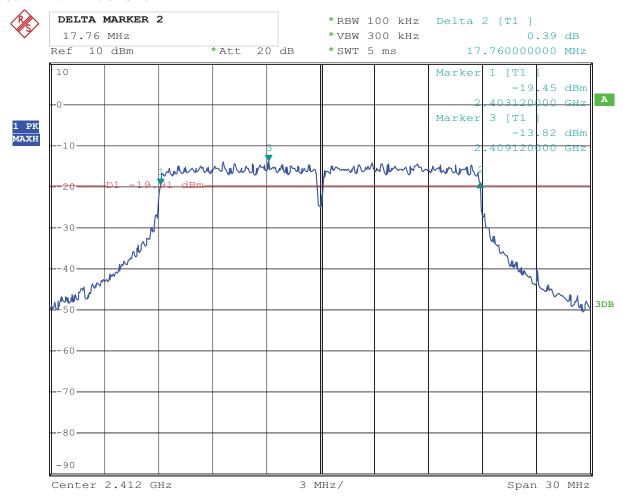
Report No: 1403122 Page 52 of 101

Date: 2014-04-25



Test Plots:

1. 802.11n at HT20 of CH01



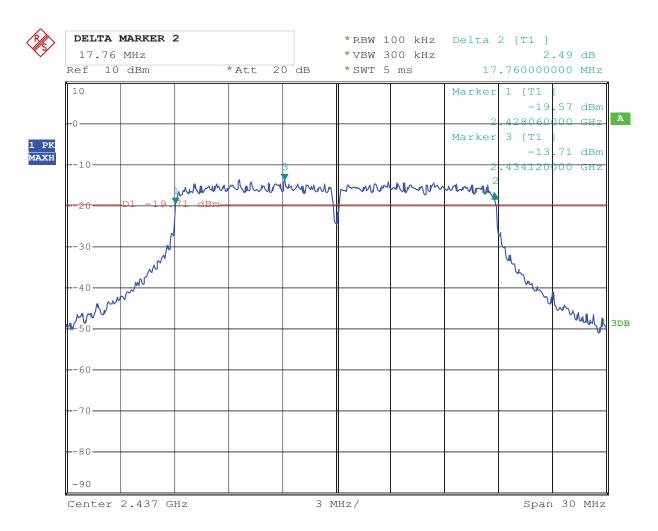
Date: 24.MAR.2014 10:11:29

Report No: 1403122 Page 53 of 101

Report No: 1403122 Date: 2014-04-25



2. 802.11n at HT20 of CH06

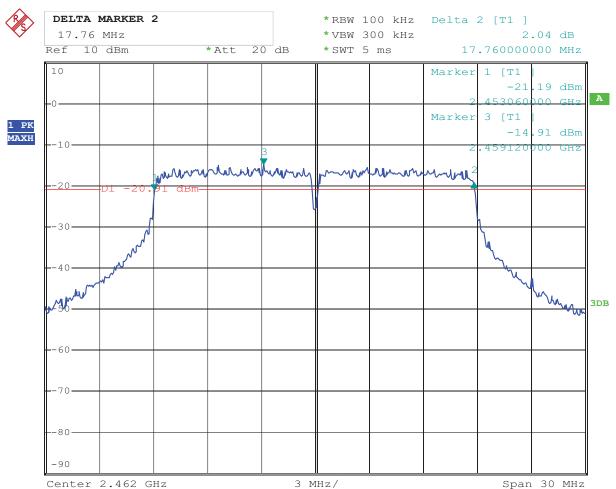


Date: 24.MAR.2014 10:13:45

Report No: 1403122 Page 54 of 101

Date: 2014-04-25

3. 802.11n at HT20 of CH11

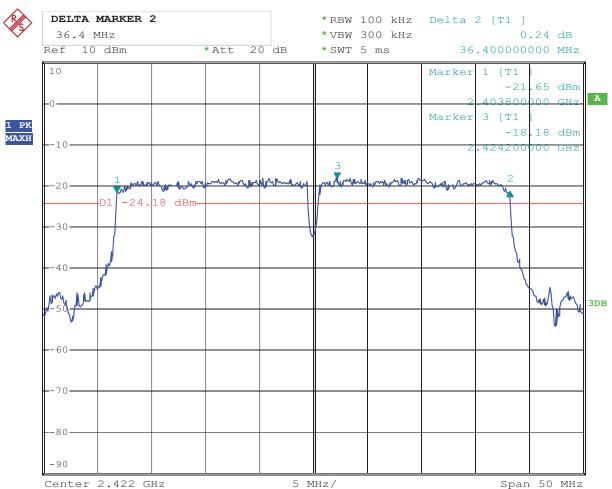


24.MAR.2014 11:42:33 Date:

Report No: 1403122 Page 55 of 101

4. 802.11n at HT40 of CH01

Date: 2014-04-25



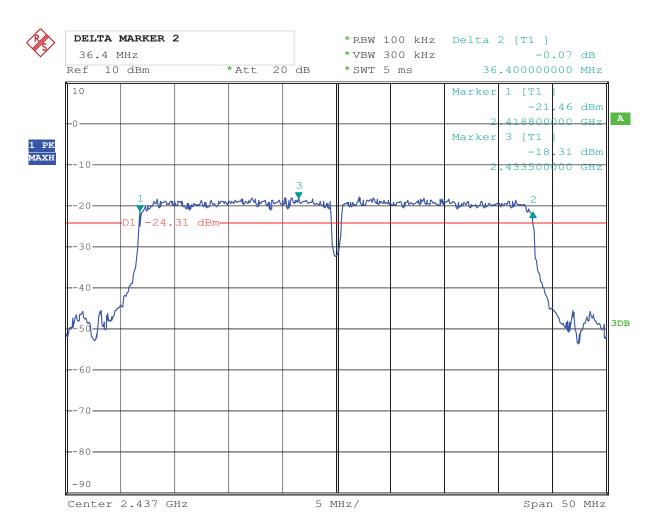
Date: 24.MAR.2014 11:43:57

Report No: 1403122 Page 56 of 101

Date: 2014-04-25



5. 802.11n at HT40 of CH04



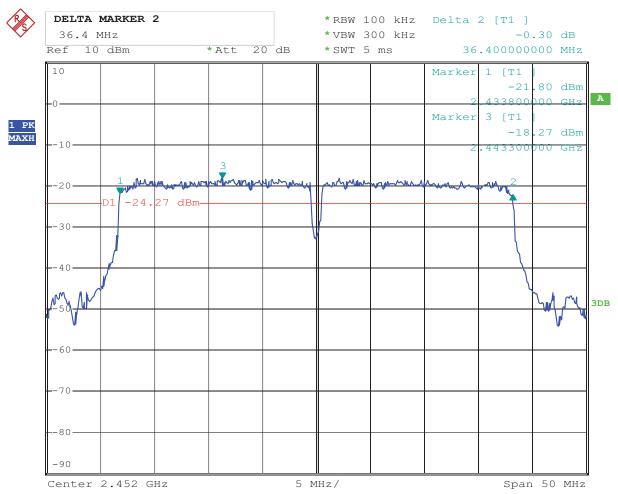
Date: 24.MAR.2014 11:45:02

Report No: 1403122 Page 57 of 101

Date: 2014-04-25



6. 802.11n at HT40 of CH07



Date: 24.MAR.2014 11:46:32

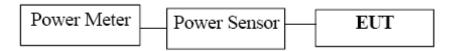
Report No: 1403122 Page 58 of 101



8. Maximum Peak Output Power

8.1 Test Setup

Date: 2014-04-25



8.2 Limits of Maximum Peak Output Power

The Maximum Peak Output Power Measurement is 30dBm.

8.3 Test Procedure

The RF power output was measured with a Power meter connected to the RF Antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate centre frequency.

Note: the peak power was measured

Report No: 1403122 Page 59 of 101

Date: 2014-04-25



8.4Test Results

EUT	EUT Tablet P		C	Model		ET7030, ET7052, ET9185, ET1084,
						ET1085
Mode		802.11b		Input Voltag	ge	AC 120V
Temperati	ure	24 deg. C	·,	Humidity		56% RH
Channel	Cha	nannel Frequency Peak I		ower Output dBm)	Peak Power Limit (dBm)	Pass/ Fail
1		2412		9.26	30	Pass
6		2437		9.63	30	Pass
11		2462	9.51		30	Pass

Note: 1. At finial test to get the worst-case emission at 11Mbps for CH01, CH06 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The test voltage varied from AC102V-138V. The worse case was recorded

EUT		Tablet PC		Model	ET7050D, ET703	30, ET7052, ET9184, ET9185,		
					E	ET1084, ET1085		
Mode	Mode 802.11g Input Voltage			AC 120V				
Temperati	Temperature 24 deg. C,			Humidity		56% RH		
Channel	Cha	hannel Frequency		Peak Power Output	Peak Power Limit	Pass/ Fail		
Chamilei		(MHz)		(dBm)	(dBm)			
1		2412	7.36		30	Pass		
6		2437		7.93	30	Pass		
11		2462		7.69	30	Pass		

Note: 1. At finial test to get the worst-case emission at 54Mbps for CH01, CH06 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The test voltage varied from AC102V-138V. The worse case was recorded

Report No: 1403122 Date: 2014-04-25



EUT	EUT Tablet PC		Model			ET7050D, ET7030, ET7052, ET9184, ET9185, ET1084, ET1085		
26.1					E1918			
Mode		802.11n (HT20)	Input Voltage		AC 120V		
Temperate	ure	24 deg. C,		Humidity		56% RH		
Channel	Cha	Channel Frequency (MHz)		ak Power Output (dBm)	Peak Power Limit (dBm)	Pass/ Fail		
1		2412		8.13	30	Pass		
6		2437		8.23	30	Pass		
11		2462		7.97	30	Pass		

Note: 1. At finial test to get the worst-case emission at 65Mbps for CH01, CH06 and CH11

The result basic equation calculation as follow:
 Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The test voltage varied from AC102V-138V. The worse case was recorded

EUT		Tablet PC		Model	ET70	050D, ET7030, ET7052,
					ET9	184, ET9185, ET1084,
						ET1085
Mode		802.11n (HT	40)	Input Voltage		AC 120V
Temperati	ure	24 deg. C.	,	Humidity		56% RH
					Peak	
Channel	Ch	annel Frequency	Peak Power Output (dBm)		Power	Pass/ Fail
Chamie		(MHz)			Limit	
1		2422		8.11	30	Pass
4		2437	8.15		30	Pass
7		2452	-	8.01	30	Pass

Note: 1. At finial test to get the worst-case emission at 65Mbps for CH01, CH04 and CH07

- The result basic equation calculation as follow:
 Peak Power Output = Peak Power Reading + Cable loss + Attenuator
- 3. The test voltage varied from AC102V-138V. The worse case was recorded

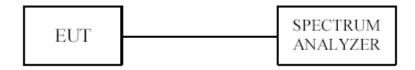
Report No: 1403122 Page 61 of 101

Date: 2014-04-25



9. Power Spectral Density Measurement

9.1 Test Setup



9.2 Limits of Power Spectral Density Measurement

The Maximum Power Spectral Density Measurement is 8dBm.

9.3 Test Procedure

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
- 2. Set the RBW = 10 kHz.
- 3. Set the VBW \geq 30 kHz.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
- 11. The resulting peak PSD level must be ≤ 8 dBm.

Report No: 1403122 Page 62 of 101

Date: 2014-04-25



9.4Test Result

EUT		Tablet PC		Model		ET7050D, ET7030, ET7052, ET9184,		
						ET9185, ET1084, ET1085		
Mode		802.11b 11M	Input Voltage		e	AC 120V		
Temperat	ure	24 deg. C	,	Humidity		56% RH		
Channel	Channel Frequency (MHz)		Final RF Power Level (dBm)		Maximum Limit (dBm)	Pass/ Fail		
				11Mbps				
1		2412		-15.12	8	Pass		
6		2437	,	-14.09	8	Pass		
11		2462		-14.31	8	Pass		

EUT	,	Tablet PC	Model		ET	7050D, ET7030,
					ET705	2, ET9184, ET9185,
						T1084, ET1085
Mode	ode 802.11b 1Mbps Input Voltage				AC 120V	
Tempera	ture	24 deg. C,	Humidity			56% RH
	Chr	annel Frequency		Maximum		Pass/ Fail
Channel	CII	(MHz)	Final RF Power (dBm)	Limit		1 ass/ 1 an
		(IVIIIZ)		(dB	m)	
			1Mbps			
1		2412	-16.67	8		Pass
6		2437	-16.11	8		Pass
11		2462	-16.29	8		Pass

Report No: 1403122 Date: 2014-04-25



EUT	Tablet PC	Model		ET7050D, ET7030, ET7052,		
				ET9184, ET	9185, ET1084, ET1085	
Mode	802.11g	Input Voltage	e		AC 120V	
Temperature	24 deg. C,	Humidity		56% RH		
Channel	Channel Frequency (MHz)	Final RF Power (dBm)		faximum Limit (dBm)	Pass/ Fail	
		54Mbps				
1	2412	-22.39		8	Pass	
6	2437	-21.67		8	Pass	
11	2462	-22.01		8	Pass	

EUT		Tablet PC	Model		ET7050D, ET7	7030, ET7052, ET9184,	
					ET9185, ET1084, ET1085		
Mode		802.11n HT20	Input Voltage		AC 120V		
		65Mbps					
Temperat	ure	24 deg. C,	Humidity			56% RH	
Channel	Cha	annel Frequency	Final RF Power	M	aximum Limit	Pass/ Fail	
		(MHz)	Level (dBm)		(dBm)		
			HT20				
1		2412	-20.43		8	Pass	
6		2437	-20.52		8	Pass	
11		2462	-20.78		8	Pass	

EUT	Tablet P	С	Model	ET7050	D, ET7030, ET7052,		
				ET9184, ET9185, ET1084, ET108			
Mode	802.11n HT40	65Mbps	Input Voltage		AC 120V		
Temperature	24 deg. (C,	Humidity		56% RH		
Channel	Channel Frequency (MHz)	Final R	Final RF Power Level (dBm)		Pass/ Fail		
	·		HT40				
1	2422		-23.02	8	Pass		
4	2437		-23.35	8	Pass		
7	2452		-23.57	8	Pass		

The report refers only to the sample tested and does not apply to the bulk.

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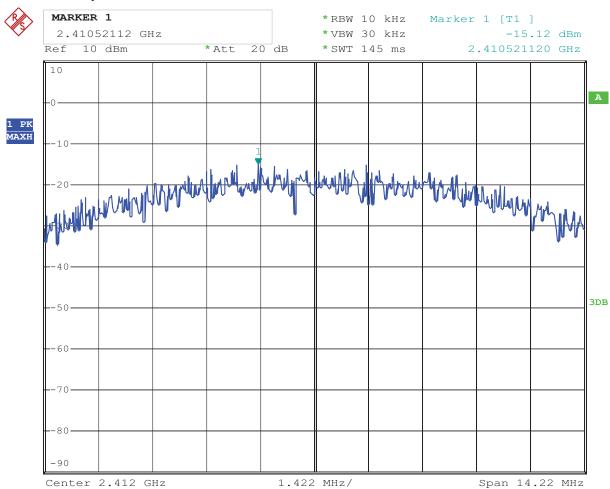
Report No: 1403122 Page 64 of 101

Date: 2014-04-25



9.5 Photo of Power Spectral Density Measurement

1.802.11b at 11Mbps of CH01



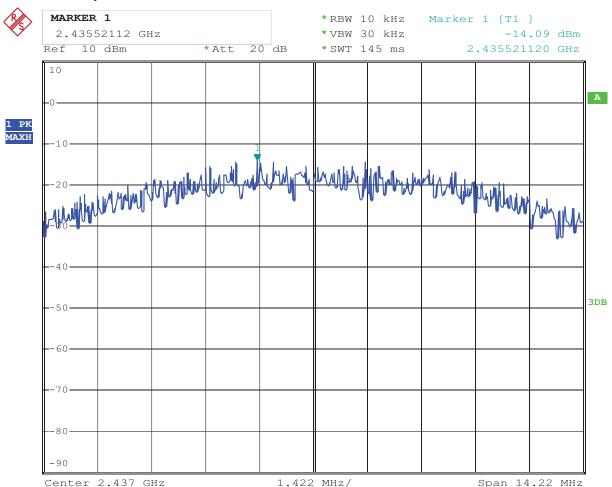
Date: 24.MAR.2014 12:12:00

Report No: 1403122 Page 65 of 101

Date: 2014-04-25



2. 802.11b at 11Mbps at CH06



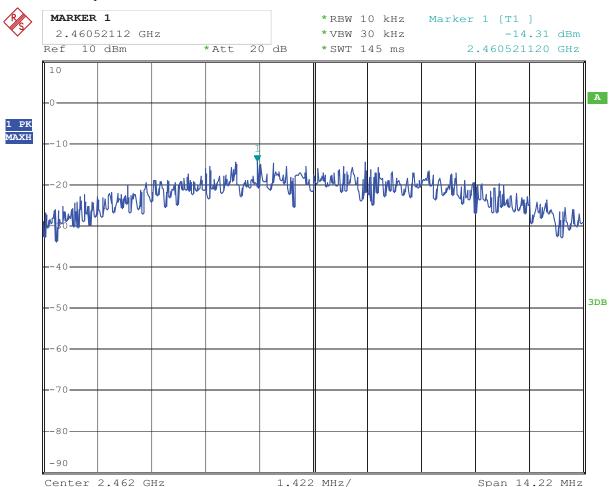
Date: 24.MAR.2014 14:06:43

Report No: 1403122 Page 66 of 101

Date: 2014-04-25



3. 802.11b at 11Mbps of CH11



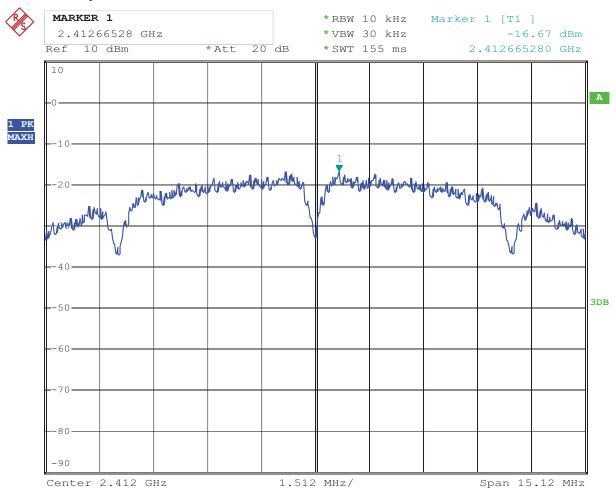
Date: 24.MAR.2014 14:06:10

Report No: 1403122 Page 67 of 101

Date: 2014-04-25



4. 802.11b at 1Mbps of CH1



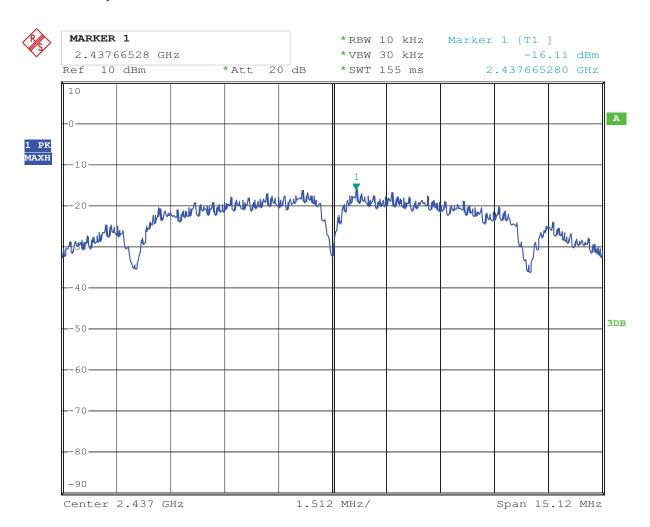
Date: 24.MAR.2014 12:09:48

Page 68 of 101

Report No: 1403122 Date: 2014-04-25



5. 802.11b at 1Mbps of CH6



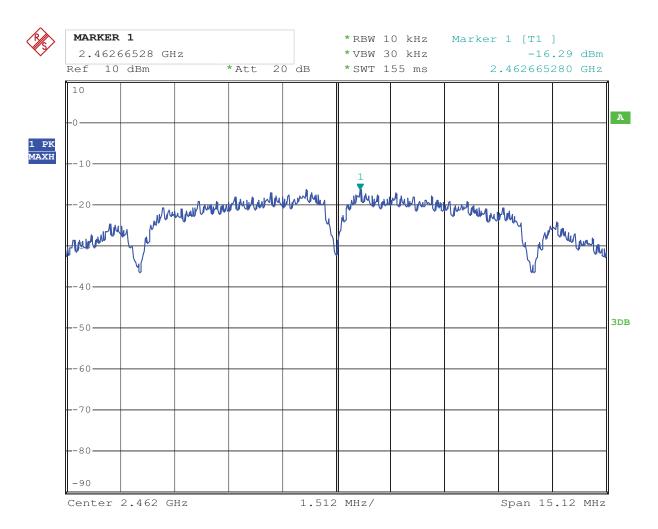
Date: 24.MAR.2014 14:10:39

Report No: 1403122 Page 69 of 101

Date: 2014-04-25



6. 802.11b at 1Mbps of CH11



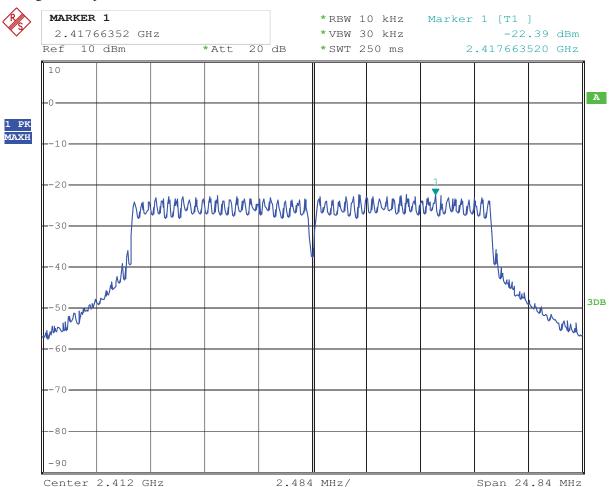
Date: 24.MAR.2014 14:10:01

Report No: 1403122 Page 70 of 101

Date: 2014-04-25



7. 802.11g at 54Mbps of CH1



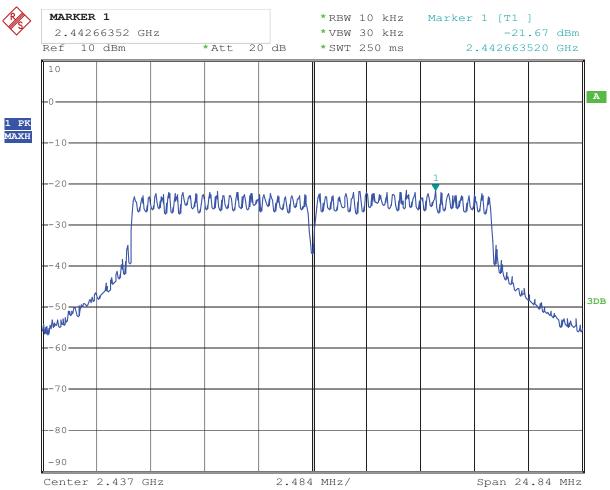
Date: 24.MAR.2014 12:11:06

Report No: 1403122 Page 71 of 101

Date: 2014-04-25



8. 802.11g at 54Mbps of CH6



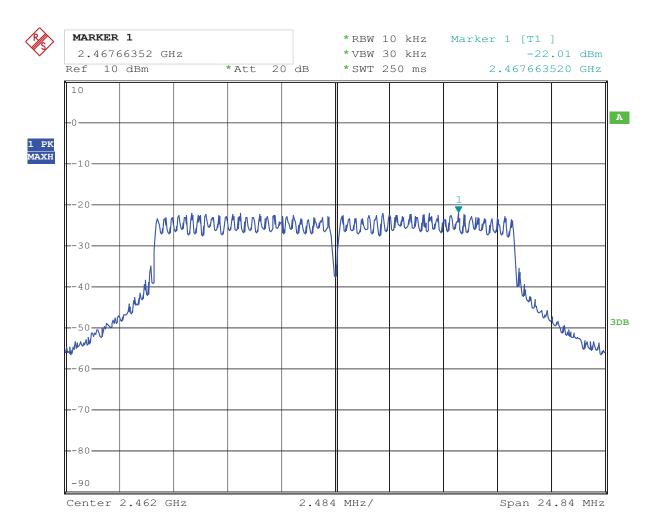
Date: 24.MAR.2014 14:07:56

Report No: 1403122 Page 72 of 101

Date: 2014-04-25



9. 802.11g at 54Mbps of CH11



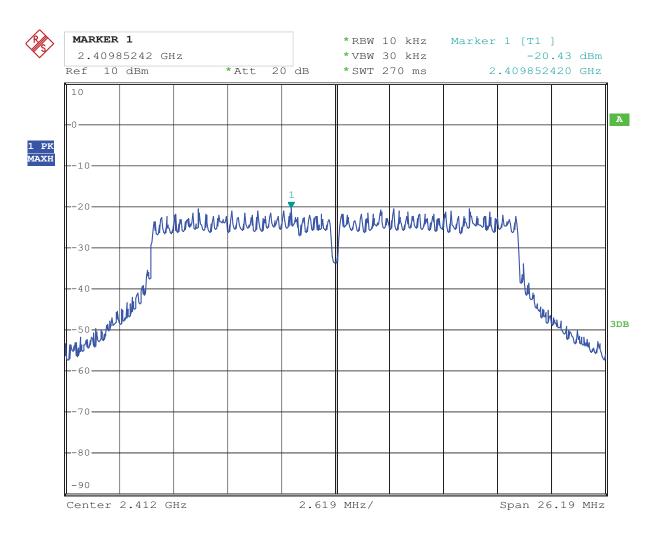
Date: 24.MAR.2014 14:09:17

Report No: 1403122 Page 73 of 101

Date: 2014-04-25



10. 802.11n at HT20 of CH01



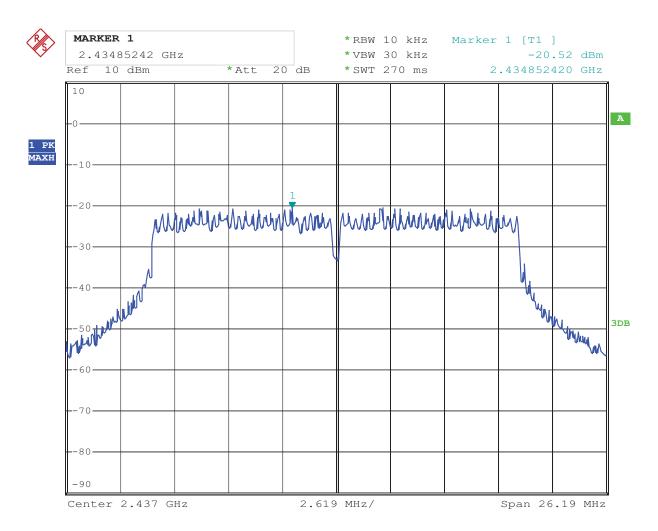
Date: 24.MAR.2014 14:03:00

Report No: 1403122 Page 74 of 101

Date: 2014-04-25



11. 802.11n at HT20 of CH06



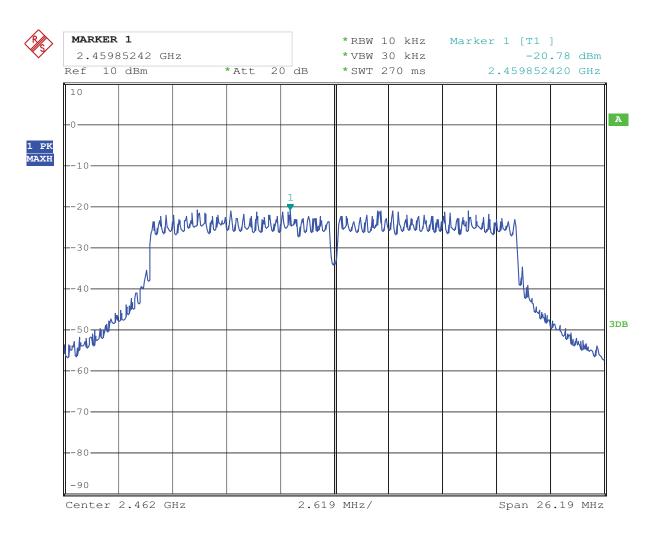
Date: 24.MAR.2014 14:04:19

Report No: 1403122 Page 75 of 101

Date: 2014-04-25



12. 802.11n at HT20 of CH11



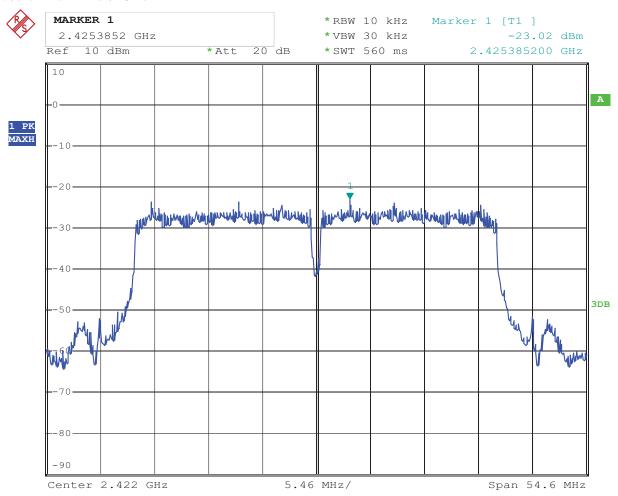
Date: 24.MAR.2014 14:05:11

Report No: 1403122 Page 76 of 101

Date: 2014-04-25



13. 802.11n at HT40 of CH01

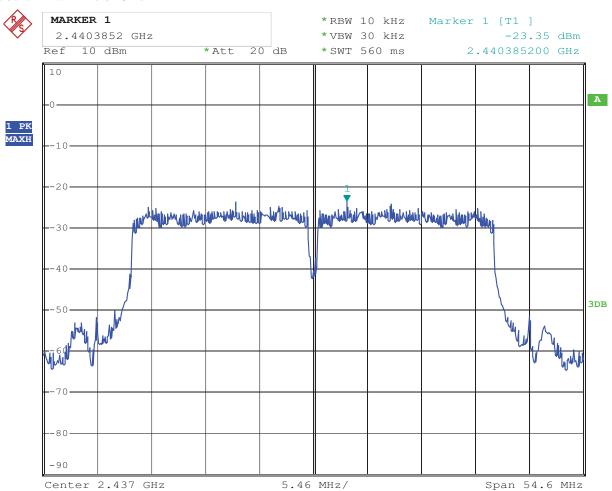


Date: 24.MAR.2014 14:13:53

Report No: 1403122 Page 77 of 101

Date: 2014-04-25

14. 802.11n at HT40 of CH04



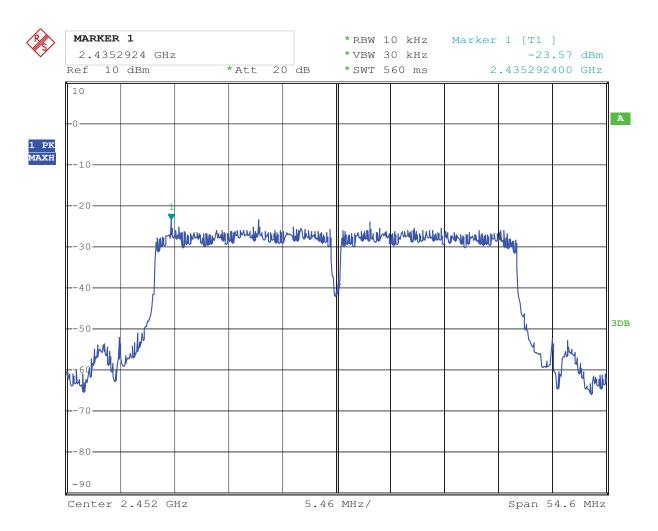
24.MAR.2014 14:12:04 Date:

Report No: 1403122 Page 78 of 101

Date: 2014-04-25



15. 802.11n at HT40 of CH07



Date: 24.MAR.2014 14:14:36

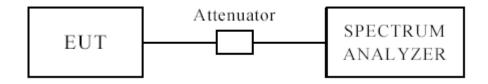
Report No: 1403122 Page 79 of 101

Date: 2014-04-25



10 Out of Band Measurement

10.1 Test Setup for band edge



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

10.2 Limits of Out of Band Emissions Measurement

- 1. Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

10.3 Test Procedure

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of radiated emission test.(Peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=10Hz and PK detector)

For bandage test, the spectrum set as follows: RBW=VBW=100 kHz. A conducted measurement used

10.4 Test Result

Please see next pages

Note: 1. this is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), after pre-test. It was found that the worse radiated emission was get at the lying position. the worse case was recorded

2. For band-edge measurement, the frequency from 30MHz-25GHz was tested. And It met the FCC rule.

Page 80 of 101

Report No: 1403122 Date: 2014-04-25



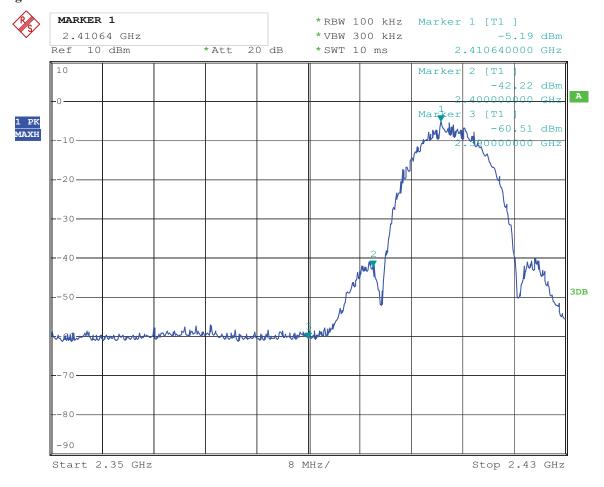
For 802.11b mode

CH01 at 11Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2400	PK (dBµV/m)	46.23	T :	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	54(dBµV/m)
2390	PK (dBμV/m)	35.56	Limit	74(dBµV/m)
	AV (dBμV/m)		Lillill	54(dBµV/m)

Test Figure:



Date: 24.MAR.2014 14:18:12

Page 81 of 101

Report No: 1403122 Date: 2014-04-25

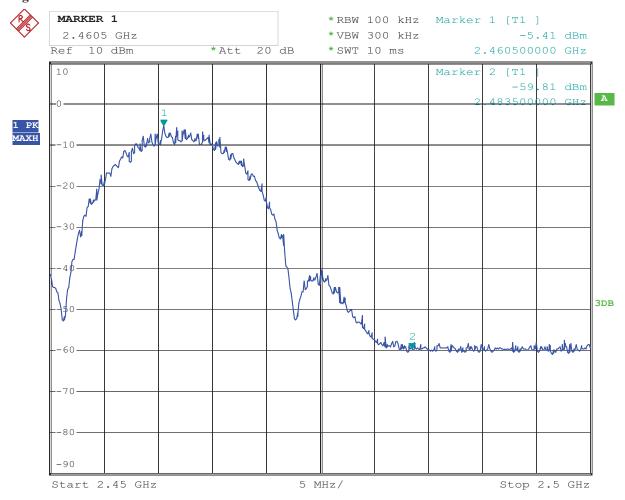


CH11 at 11Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2483.5	PK (dBµV/m)	38.82	T ::t	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$

Test Figure:



Date: 24.MAR.2014 14:24:10

Page 82 of 101

Report No: 1403122 Date: 2014-04-25



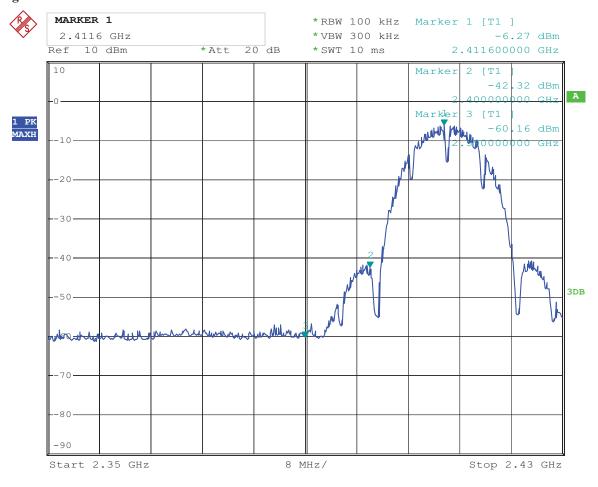
For 802.11b mode

CH01 at 1Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2400	PK (dBµV/m)	46.37	T :	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	54(dBµV/m)
2390	PK (dBµV/m)	37.13	Limit	74(dBµV/m)
	AV (dBμV/m)		Lillill	54(dBµV/m)

Test Figure:



Date: 24.MAR.2014 14:15:58

Page 83 of 101

Report No: 1403122 Date: 2014-04-25

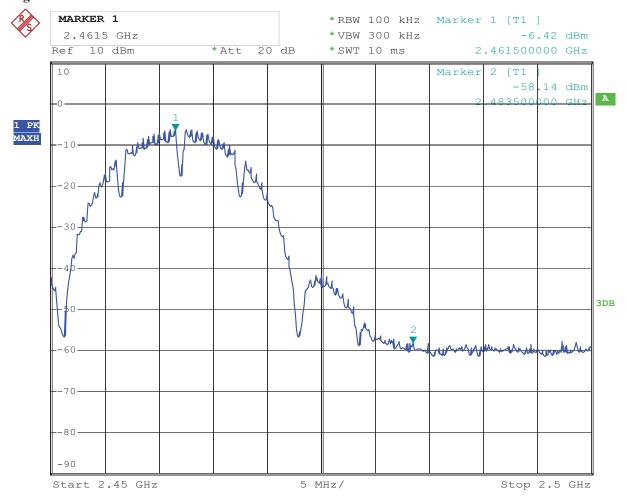


CH11 at 1Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2483.5	PK (dBµV/m)	40.06	T ::t	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$

Test Figure:



Date: 24.MAR.2014 14:22:19

Page 84 of 101

Report No: 1403122 Date: 2014-04-25



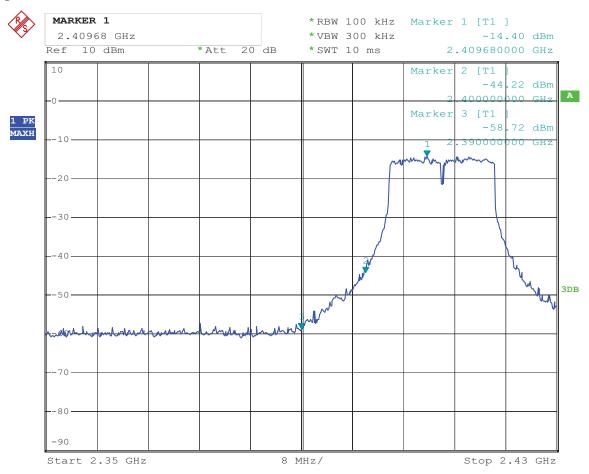
For 802.11g mode

CH01 at 54Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2400	PK (dBμV/m)	47.21	T ::4	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$
2390	PK (dBµV/m)	38.35	Limit	74(dBμV/m)
	AV (dBμV/m)		Liiiit	54(dBμV/m)

Test Figure:



Date: 24.MAR.2014 14:17:25

Page 85 of 101

Report No: 1403122 Date: 2014-04-25

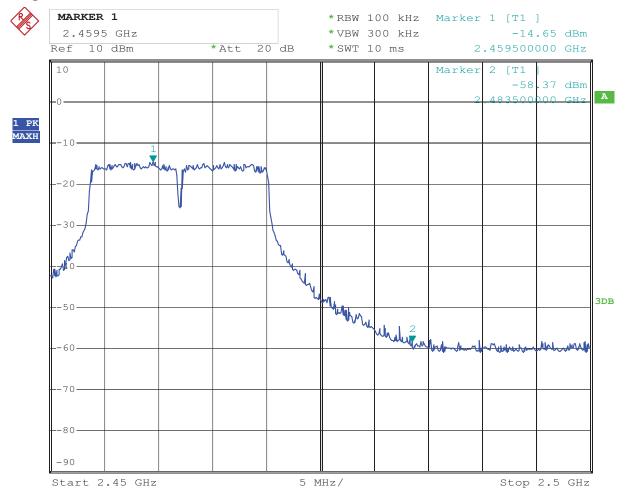


CH11 at 54Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Mod	lel	ET7050D, ET7030, ET7052, ET9184,
					ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input V	oltage	AC 120V
Temperature	24 deg. C,		Humi	dity	56% RH
Test Result:	Pass		Detec	ctor	PK
2483.5	PK (dBµV/m)	41.16	Timit	74(dBμV/m)	
	AV (dBμV/m)		Limit		$54(dB\mu V/m)$

Test Figure:



Date: 24.MAR.2014 14:23:10

Report No: 1403122 Date: 2014-04-25



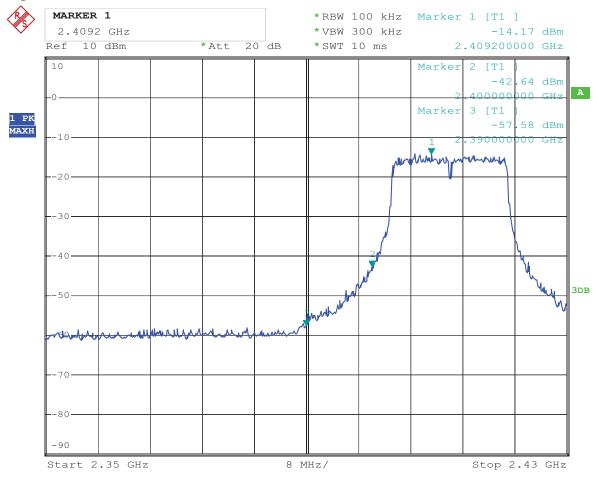
For 802.11n (HT20) mode

CH01 at 65Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052, ET9184,			
				ET9185, ET1084, ET1085			
Mode	Keeping Transmitting		Input Voltage	AC 120V			
Temperature	24 deg. C,		Humidity	56% RH			
Test Result:	Pass		Detector	PK			
2400	PK (dBµV/m)	48.18	T ::4	$74(dB\mu V/m)$			
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$			
2390	PK (dBµV/m)	36.59	Limit	74(dBμV/m)			
	AV (dBμV/m)		Limit	54(dBμV/m)			

Test Figure:



Date: 24.MAR.2014 14:19:13

Page 87 of 101

Report No: 1403122 Date: 2014-04-25

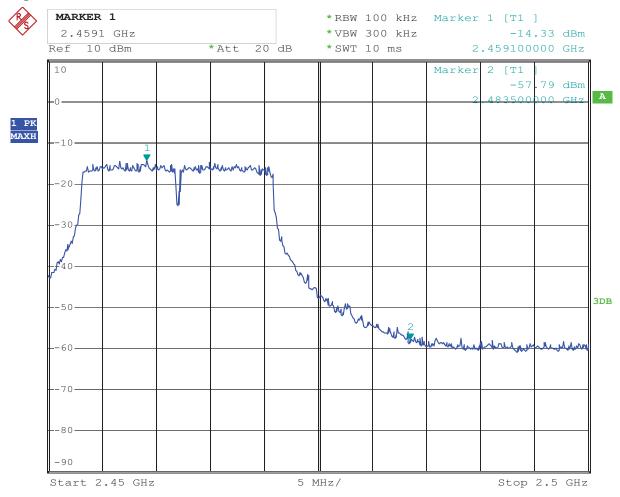


CH11 at 65Mbps

10.4 Band-edge and Restricted band Measurement

8				
EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2483.5	PK (dBμV/m)	41.26	Timit	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$

Test Figure:



Date: 24.MAR.2014 14:25:10

Page 88 of 101

Report No: 1403122 Date: 2014-04-25



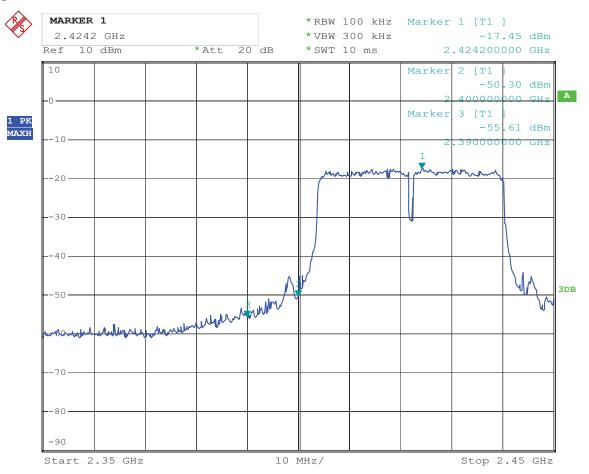
For 802.11n (HT40) mode

CH01 at 65Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052,
				ET9184, ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2400	PK (dBμV/m)	45.32	T ::4	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$
2390	PK (dBµV/m)	38.52	Limit	74(dBμV/m)
	AV (dBμV/m)		Lillill	54(dBμV/m)

Test Figure:



Date: 24.MAR.2014 14:20:19

Page 89 of 101

Report No: 1403122 Date: 2014-04-25

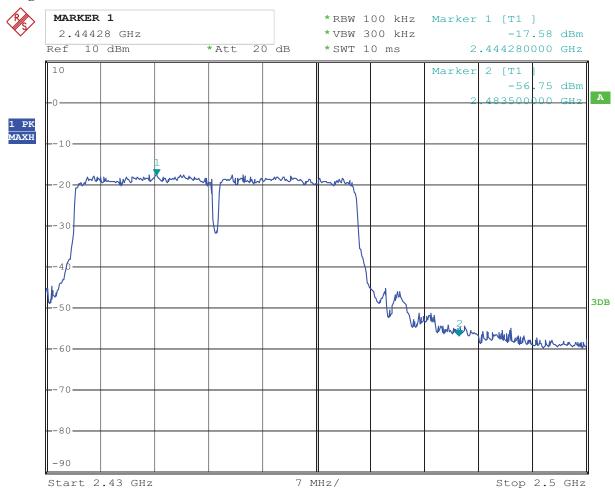


CH7 at 65Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	ET7050D, ET7030, ET7052, ET9184,
				ET9185, ET1084, ET1085
Mode	Keeping Transmitting		Input Voltage	AC 120V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
2483.5	PK (dBµV/m)	43.26	T :it	$74(dB\mu V/m)$
	AV (dBμV/m)		Limit	$54(dB\mu V/m)$

Test Figure:



Date: 24.MAR.2014 14:21:35

Report No: 1403122 Page 90 of 101

Date: 2014-04-25



11.0 Antenna Requirement

11.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the mount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2 Antenna Connected construction

Integral Antenna used. The maximum Gain of the antennas is 2.0dBi.

Report No: 1403122 Page 91 of 101

Date: 2014-04-25



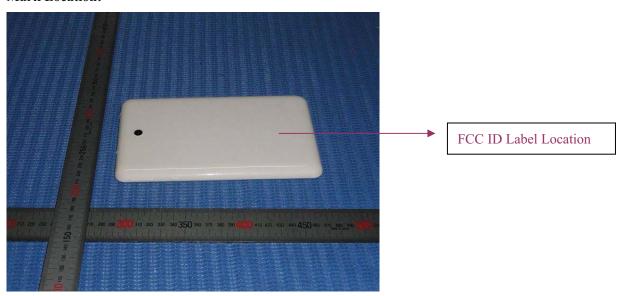
12.0 FCC ID Label

FCC ID: 2ACB4-ET7050D

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



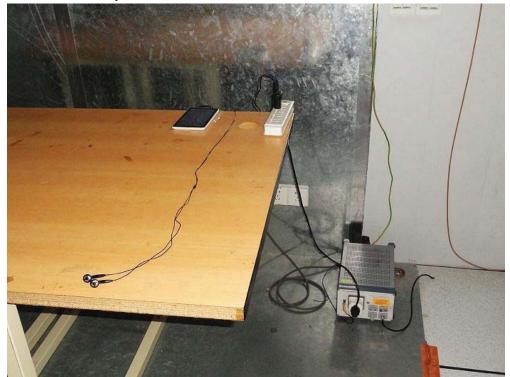
Report No: 1403122 Page 92 of 101

Date: 2014-04-25



13.0 Photo of testing

Conducted Emission Test Setup:



Page 93 of 101

Report No: 1403122 Date: 2014-04-25



Radiated Emission Test Setup:





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Page 94 of 101

Report No: 1403122 Date: 2014-04-25



Photographs - EUT

Outside view





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Page 95 of 101

Report No: 1403122 Date: 2014-04-25



Outside view





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Page 96 of 101

Report No: 1403122 Date: 2014-04-25



Outside view





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Page 97 of 101

Report No: 1403122 Date: 2014-04-25



Outside view





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Page 98 of 101

Report No: 1403122 Date: 2014-04-25



Inside view





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Page 99 of 101

Report No: 1403122 Date: 2014-04-25



Inside view





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Page 100 of 101

Report No: 1403122 Date: 2014-04-25



Inside view





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Report No: 1403122 Page 101 of 101

Date: 2014-04-25



Inside view



End of the report