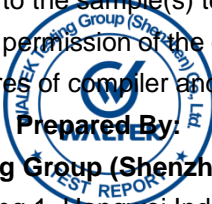


TEST REPORT

Reference No...... : WTH21X03021567W-2
FCC ID : 2AUZB-RAX1801
Applicant : SHENZHEN ZK TECHNOLOGY CO., LTD
Address..... : SHENZHEN CITY LONGGANG DISTRICT STREETS QINGLIN ROAD
SHENZHEN CITY STUDENTS (LONGGANG) BUSINESS PA... CHINA
518172
Product Name : Wireless Router
Test Model. : RAX1801
Standards : FCC Part 15.247
Date of Receipt sample : Mar. 18, 2021
Date of Test..... : Mar. 18, 2021 to Mar. 24, 2021
Date of Issue : Mar. 24, 2021
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

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Tested by:

Reviewed By:

Approved & Authorized By:

Mike Shi / Project Engineer

Lion Cai / RF Manager

Silin Chen / Manager

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Report version

Version No.	Date of issue	Description
Rev.00	Mar. 24, 2021	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: SHENZHEN ZK TECHNOLOGY CO., LTD
 Address of applicant: SHENZHEN CITY LONGGANG DISTRICT STREETS
 QINGLIN ROAD SHENZHEN CITY STUDENTS
 (LONGGANG) BUSINESS PA... CHINA 518172

Manufacturer: HUIZHOU MTN WEIYE TECHNOLOGY DEVELOPMENT
 CO.,LTD.

Address of manufacturer: NO.2 Huitai Road,Huinan High-tech Industrial Park,Huiao
 Avenue,Huizhou City,Guangdong Province,China

General Description of EUT	
Product Name:	Wireless Router
Trade Name:	HNK
Model No.:	RAX1801
Adding Model(s):	/
Rated Voltage:	DC12V
Power Adapter Model:	MODEL: RD1201500-C55-153MG INPUT: AC100-240V, 50/60Hz, 0.6A OUTPUT: DC12V,1.5A
<i>Note: The test data is gathered from a production sample provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Support Standards:	802.11b, 802.11g, 802.11n-HT20, 802.11ax-HE20, 802.11n-HT40, 802.11ax-HE40
Frequency Range:	2412-2462MHz for 802.11b/g/n(HT20) 2422-2452MHz for 802.11n(HT40)
RF Output Power:	15.72dBm (Conducted)
Type of Modulation:	DBPSK, BPSK, DQPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Quantity of Channels:	11 for 802.11b/g/n(HT20)/AX(EH20) 7 for 802.11n(HT40)/AX(HE40)
Channel Separation:	5MHz
Type of Antenna:	External Antenna
Antenna Gain:	5.0dBi

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

558074 D01 15.247 Meas Guidance v05r02: Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating under section 15.247 of the Fcc rules.

662911 D01 Multiple Transmitter Output v02r01: Emissions Testing of Transmitters with Multiple Outputs in the Same Band.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 662911 D01 Multiple Transmitter Output v02r01

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.4 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. 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. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, with a duty cycle equal to 100%, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11b	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM2	802.11g	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM3	802.11n-HT20	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM4	802.11ax-HE20	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM5	802.11n-HT40	Low:2422MHz, Middle:2437MHz,High:2452MHz
TM6	802.11ax-HE40	Low:2422MHz, Middle:2437MHz,High:2452MHz

Test Conditions	
Temperature:	22~25 °C
Relative Humidity:	50~55 %.
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
AC Cable	1.5	Unshielded	Without Ferrite

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	$\pm 0.42\text{dB}$
Occupied Bandwidth	Conducted	$\pm 1.5\%$
Power Spectral Density	Conducted	$\pm 1.8\text{dB}$
Conducted Spurious Emission	Conducted	$\pm 2.17\text{dB}$
Conducted Emissions	Conducted	9-150kHz $\pm 3.74\text{dB}$
		0.15-30MHz $\pm 3.34\text{dB}$
Transmitter Spurious Emissions	Radiated	30-200MHz $\pm 4.52\text{dB}$
		0.2-1GHz $\pm 5.56\text{dB}$
		1-6GHz $\pm 3.84\text{dB}$
		6-26GHz $\pm 3.92\text{dB}$

1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2020-04-28	2021-04-27
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2020-04-28	2021-04-27
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2020-04-28	2021-04-27
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2020-04-28	2021-04-27
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2020-04-28	2021-04-27
SEMT-1011	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2019-05-05	2021-05-04
SEMT-1042	Horn Antenna	ETS	3117	00086197	2019-05-05	2021-05-04
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2019-05-05	2021-05-04
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2019-05-05	2021-05-04
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2020-04-28	2021-04-27
SEMT-1003	L.I.S.N	Schwarz beck	NSLK8126	8126-224	2020-04-28	2021-04-27
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2020-04-28	2021-04-27
SEMT-1168	Pre-amplifier	Direction Systems Inc.	PAP-0126	14141-12838	2020-04-28	2021-04-27
SEMT-1169	Pre-amplifier	Direction Systems Inc.	PAP-2640	14145-14153	2020-04-28	2021-04-27
SEMT-1163	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2020-04-28	2021-04-27
SEMT-1170	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2019-05-05	2021-05-04
SEMT-1166	Power Limiter	Agilent	N9356B	MY45450376	2020-04-28	2021-04-27
SEMT-1048	RF Limiter	ATTEN	AT-BSF-2400~2500	/	2020-04-28	2021-04-27
SEMT-1076	RF Switcher	Top Precision	RCS03-A2	/	2020-04-28	2021-04-27
SEMT-C001	Cable	Zheng DI	LL142-07-07-10M(A)	/	/	/
SEMT-C002	Cable	Zheng DI	ZT40-2.92J-2.92J-6M	/	/	/
SEMT-C003	Cable	Zheng DI	ZT40-2.92J-2.92J-2.5M	/	/	/
SEMT-C004	Cable	Zheng DI	2M0RFC	/	/	/
SEMT-C005	Cable	Zheng DI	1M0RFC	/	/	/
SEMT-C006	Cable	Zheng DI	1M0RFC	/	/	/

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
EMI Test Software (Conducted Emission)*	Farad	EZ-EMC	RA-03A1

*Remark: indicates software version used in the compliance certification testing

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.203; §15.247(b)(4)(i)	Antenna Requirement	Compliant
§15.205	Restricted Band of Operation	N/A
§15.207(a)	Conducted Emission	Compliant
§15.247(e)	Power Spectral Density	N/A
§15.247(a)(2)	DTS Bandwidth	N/A
§15.247(b)(3)	RF Output Power	N/A
§15.209(a)	Radiated Emission	Compliant
§15.247(d)	Band Edge (Out of Band Emissions)	N/A

N/A: Not applicable

Note: Report is for C2PC only. The test data includes Conducted Emission and Spurious Radiation Emissions. Those not tested mark with N/A (not effected by the C2PC). Change the base band IC MT7915DAN to MT7905DAN, The new chip component is pin-for-pin compatible.

3. Antenna Requirement

3.1 Standard Applicable

According to FCC Part 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Evaluation Information

This product has two External antennas, fulfill the requirement of this section.

4. Field Strength of Spurious Emissions

4.1 Standard Applicable

According to §15.247(d), in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

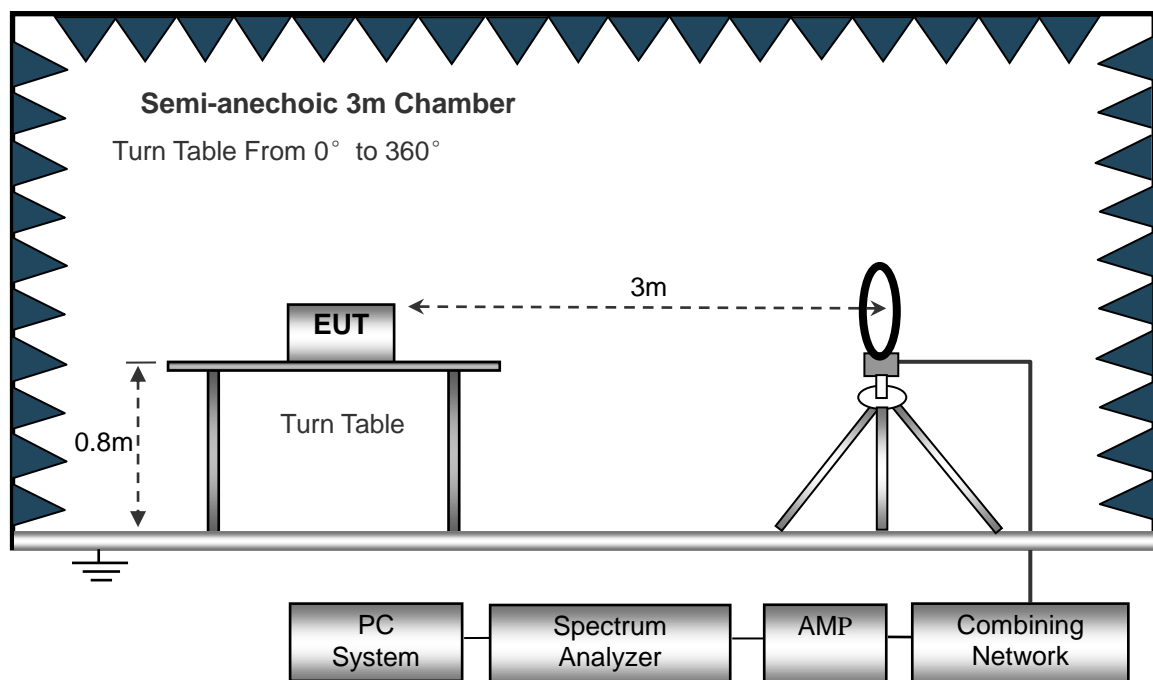
4.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.247(a) and FCC Part 15.209 Limit.

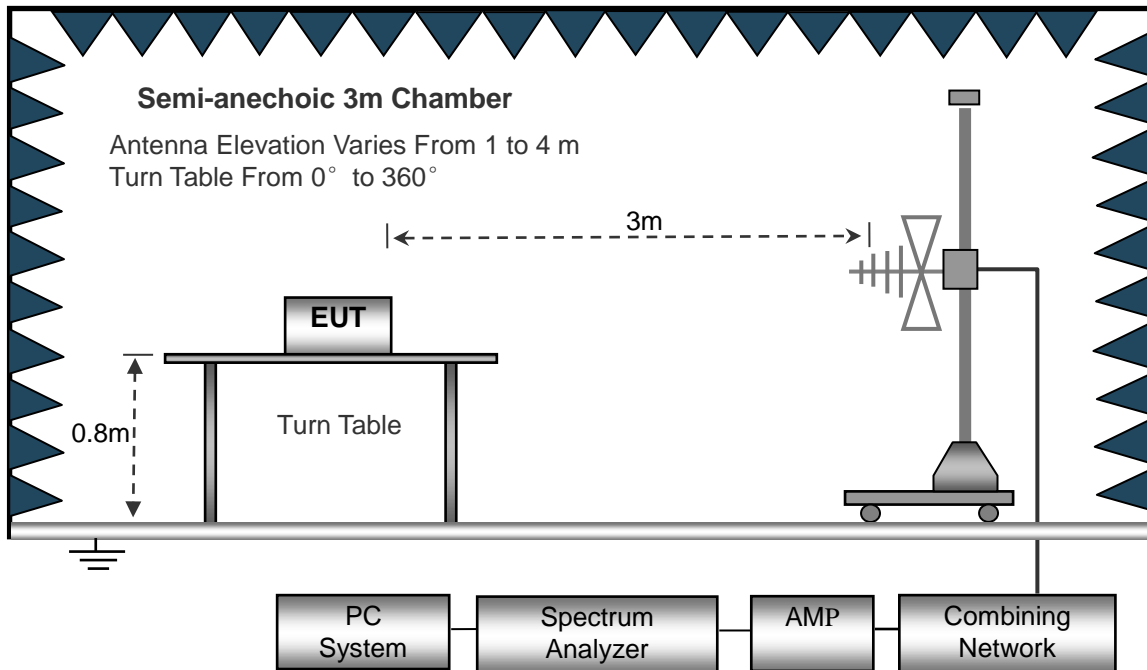
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

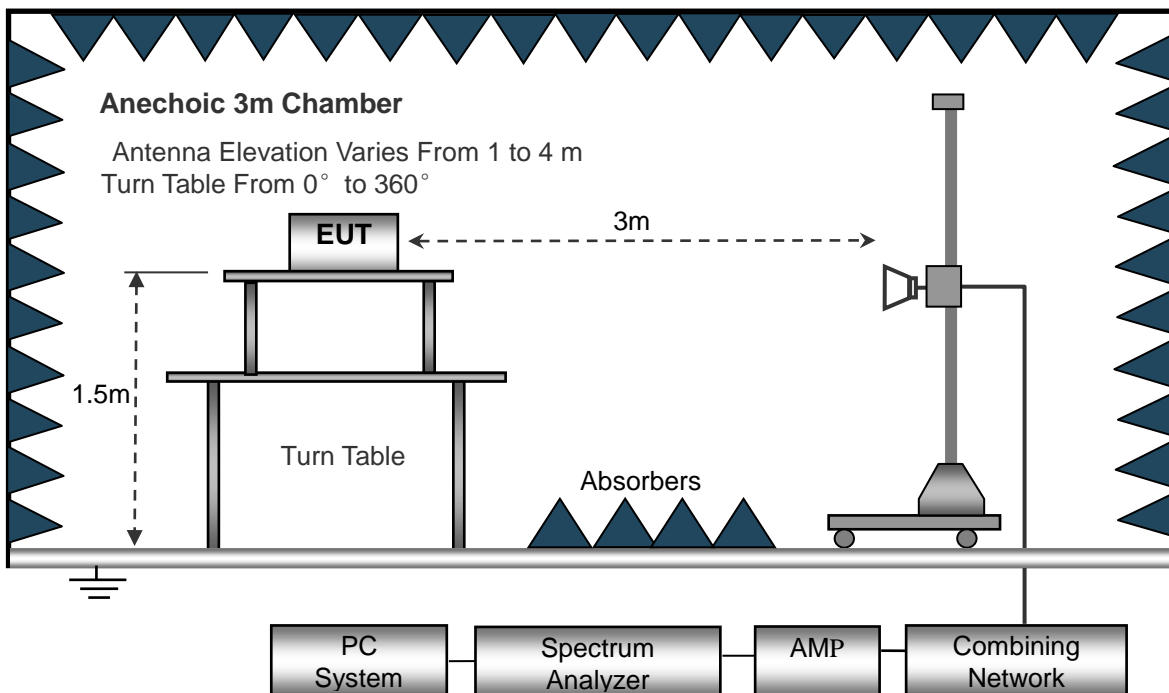
The test setup for emission measurement below 30MHz..



The test setup for emission measurement from 30 MHz to 1 GHz..



The test setup for emission measurement above 1 GHz..



Frequency :9kHz-30MHz	Frequency :30MHz-1GHz	Frequency :Above 1GHz
RBW=10KHz,	RBW=120KHz,	RBW=1MHz,
VBW =30KHz	VBW=300KHz	VBW=3MHz(Peak), 10Hz(AV)
Sweep time= Auto	Sweep time= Auto	Sweep time= Auto
Trace = max hold	Trace = max hold	Trace = max hold
Detector function = peak	Detector function = peak, QP	Detector function = peak, AV

4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

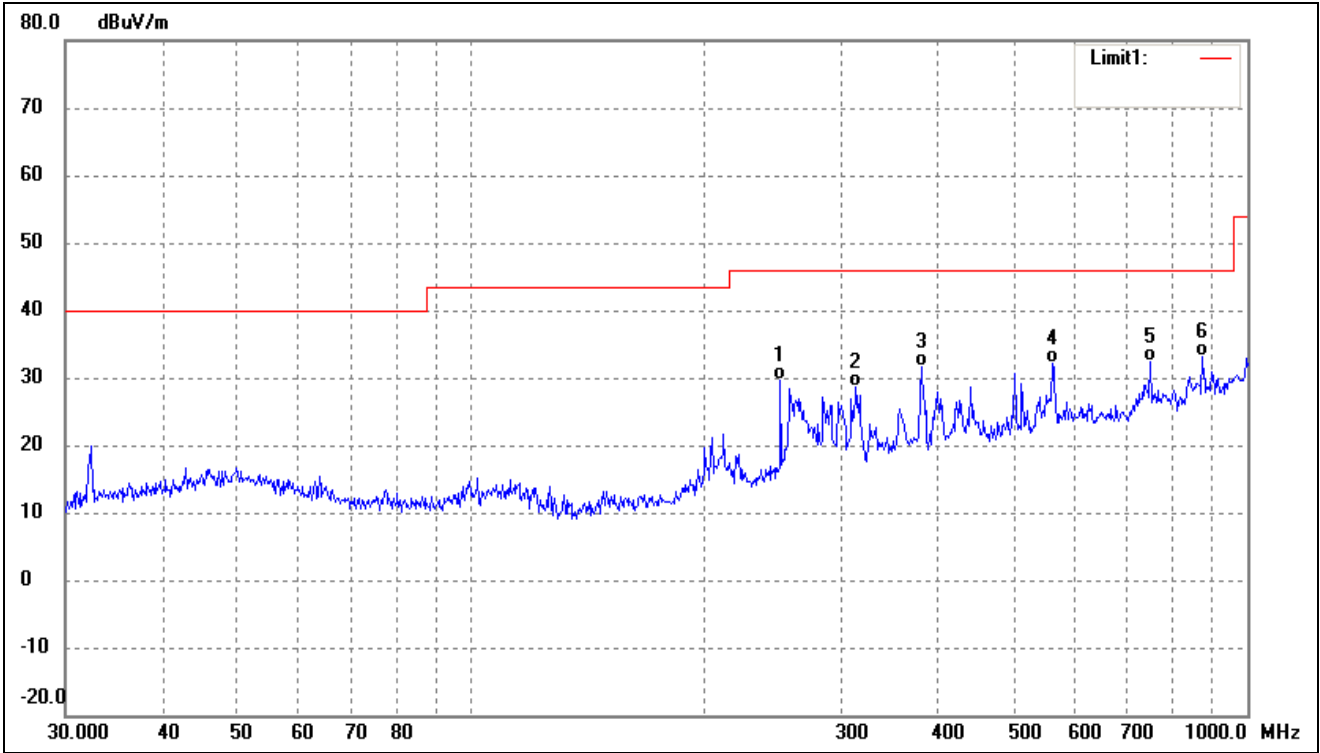
4.4 Summary of Test Results/Plots

Note: 1.This EUT was tested in 3 orthogonal positions and the worst case position data was reported.

All test modes (different data rate and different modulation) are performed, but only the worst case(802.11b_11Mbps) is recorded in this report.

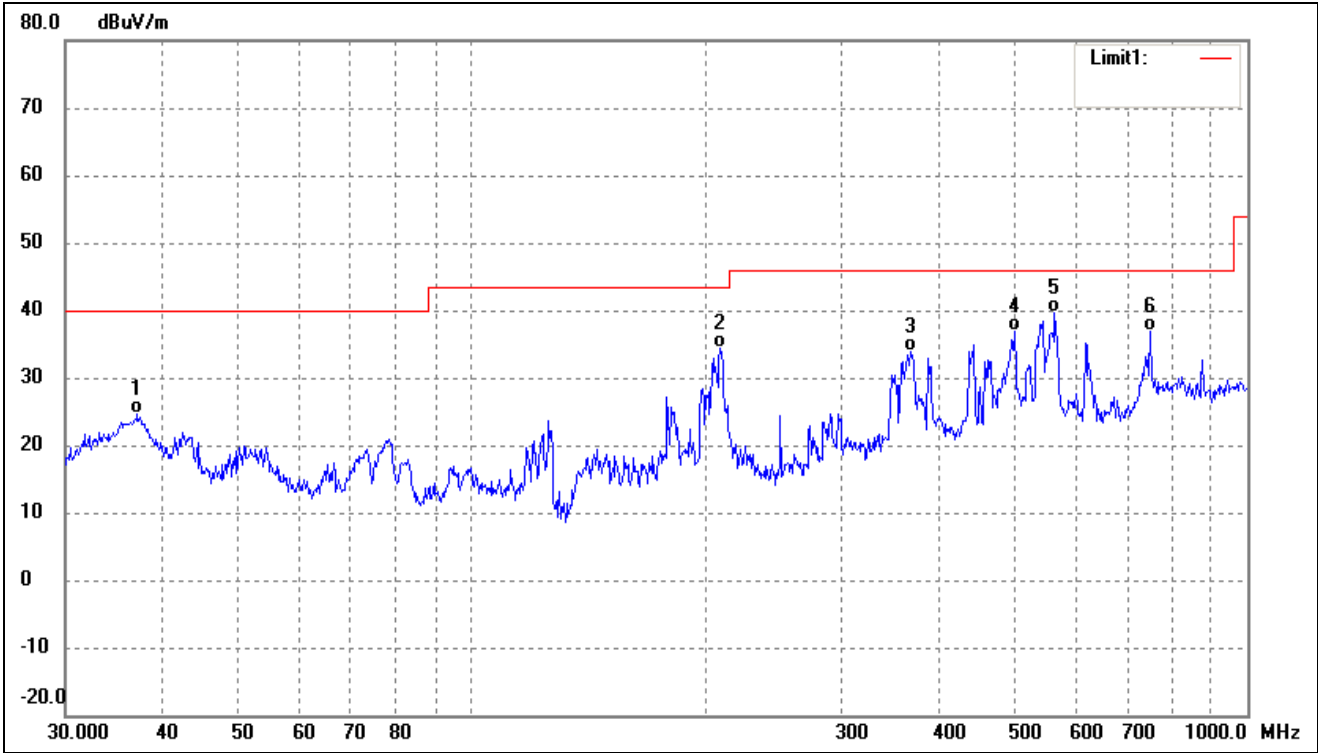
- Spurious Emissions Below 1GHz
- Worst case Antenna 1

802.11b_11Mbps			
Test Channel	Low	Polarity:	Horizontal



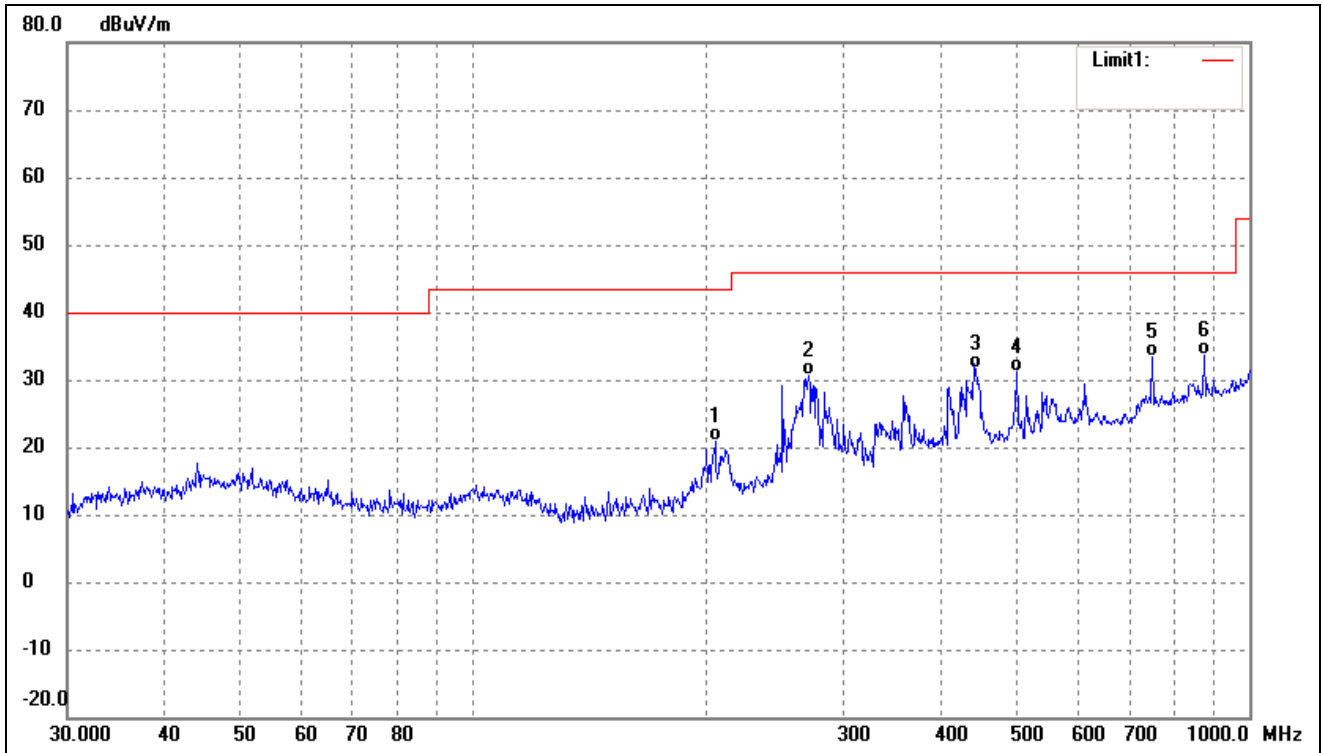
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	250.3012	38.97	-9.29	29.68	46.00	-16.32	-	-	QP
2	313.2760	36.00	-7.32	28.68	46.00	-17.32	-	-	QP
3	379.9141	37.37	-5.68	31.69	46.00	-14.31	-	-	QP
4	560.6928	35.32	-3.26	32.06	46.00	-13.94	-	-	QP
5	750.1083	33.13	-0.87	32.26	46.00	-13.74	-	-	QP
6	875.2470	32.01	1.08	33.09	46.00	-12.91	-	-	QP

802.11b_11Mbps			
Test Channel	Low	Polarity:	Vertical



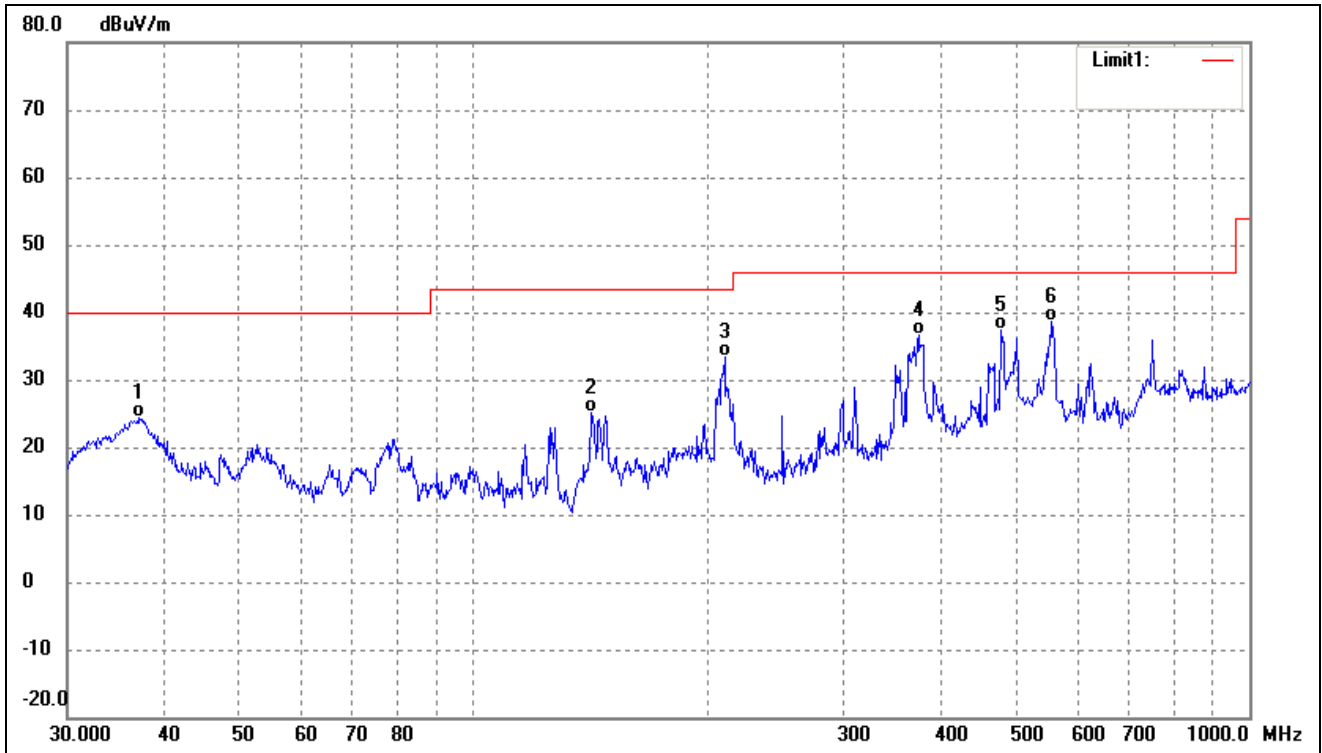
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	37.1550	36.91	-12.25	24.66	40.00	-15.34	-	-	QP
2	209.3129	45.56	-11.11	34.45	43.50	-9.05	-	-	QP
3	368.1116	39.69	-5.82	33.87	46.00	-12.13	-	-	QP
4	501.1790	41.43	-4.47	36.96	46.00	-9.04	-	-	QP
5	564.6389	42.75	-3.06	39.69	46.00	-6.31	-	-	QP
6	750.1083	37.72	-0.87	36.85	46.00	-9.15	-	-	QP

802.11b_11Mbps			
Test Channel	Middle	Polarity:	Horizontal



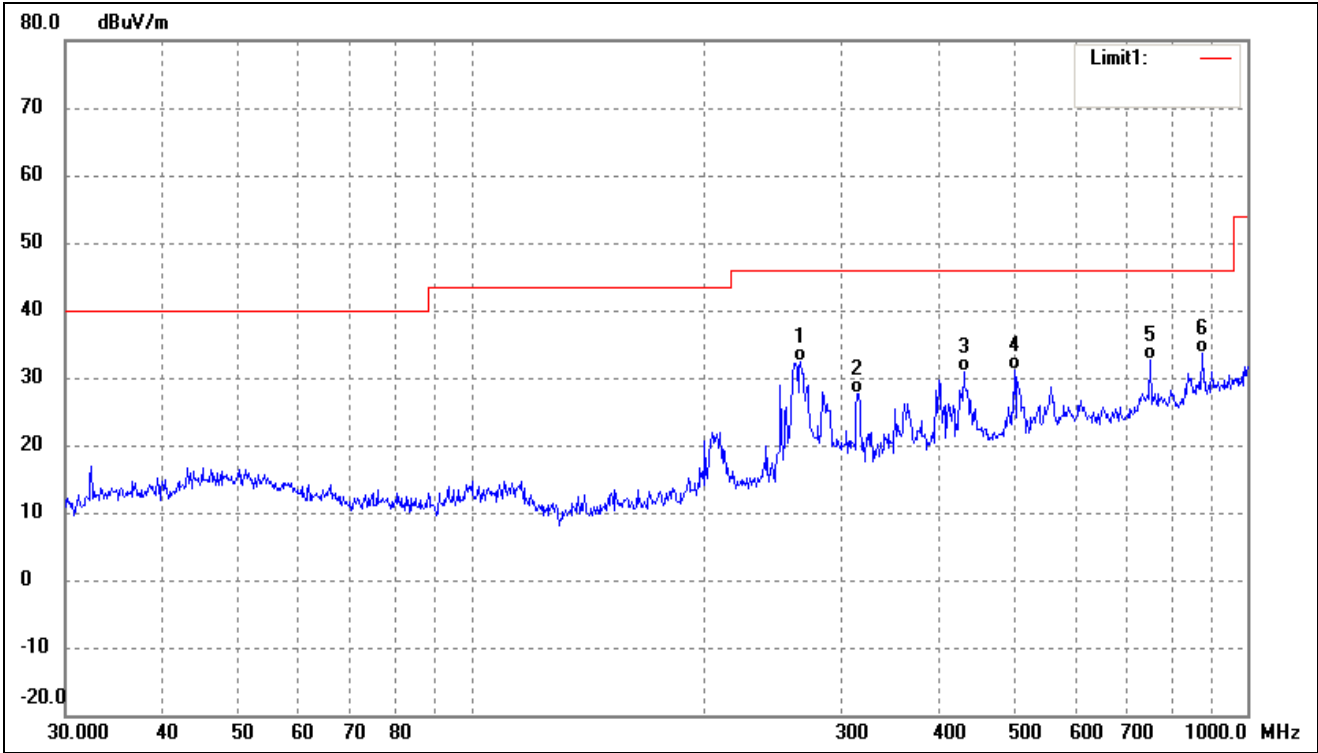
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	204.9551	32.19	-11.20	20.99	43.50	-22.51	-	-	QP
2	270.3748	39.35	-8.82	30.53	46.00	-15.47	-	-	QP
3	444.8514	36.21	-4.49	31.72	46.00	-14.28	-	-	QP
4	501.1790	35.67	-4.47	31.20	46.00	-14.80	-	-	QP
5	750.1083	34.29	-0.87	33.42	46.00	-12.58	-	-	QP
6	875.2470	32.55	1.08	33.63	46.00	-12.37	-	-	QP

802.11b_11Mbps			
Test Channel	Middle	Polarity:	Vertical



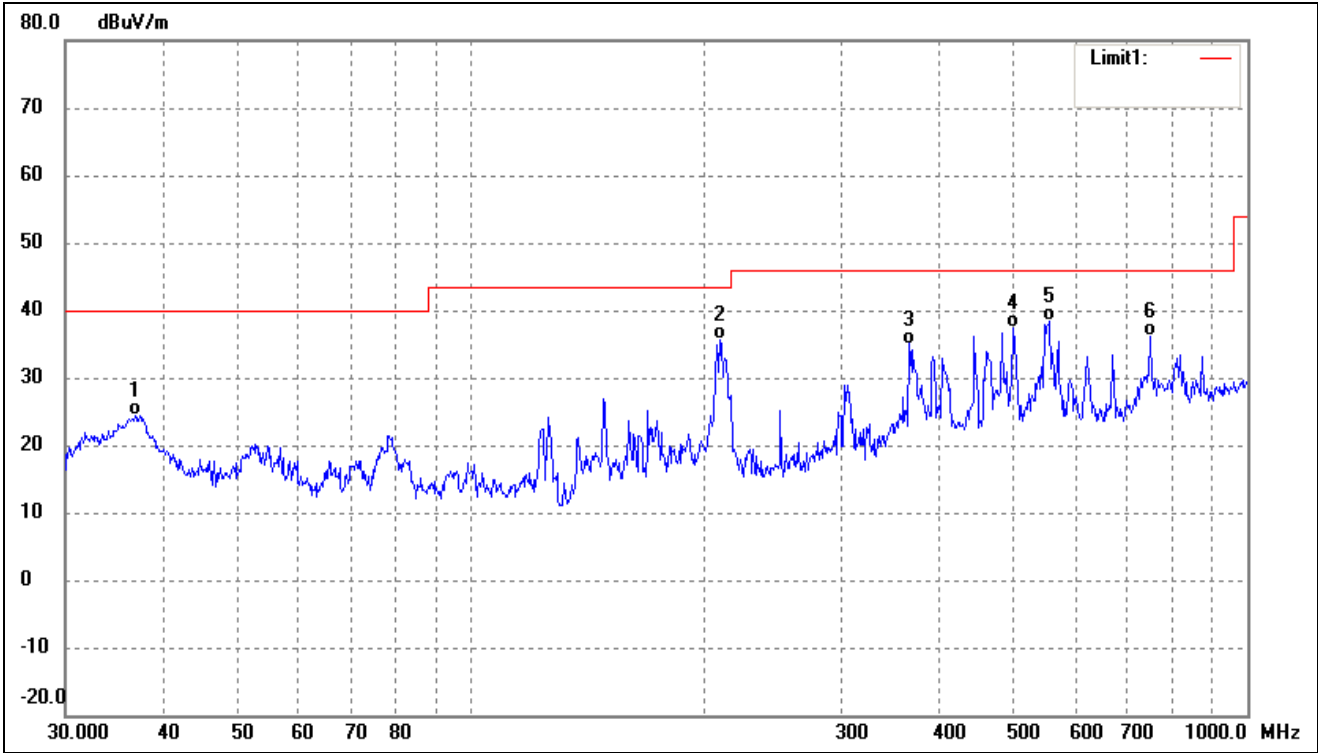
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	37.0249	36.57	-12.27	24.30	40.00	-15.70	-	-	QP
2	141.8262	39.73	-14.54	25.19	43.50	-18.31	-	-	QP
3	210.7860	44.56	-11.06	33.50	43.50	-10.00	-	-	QP
4	374.6226	42.28	-5.69	36.59	46.00	-9.41	-	-	QP
5	478.8456	42.16	-4.76	37.40	46.00	-8.60	-	-	QP
6	556.7744	42.08	-3.46	38.62	46.00	-7.38	-	-	QP

802.11b_11Mbps			
Test Channel	High	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	265.6757	41.23	-8.92	32.31	46.00	-13.69	-	-	QP
2	314.3765	35.02	-7.33	27.69	46.00	-18.31	-	-	QP
3	431.0316	35.25	-4.39	30.86	46.00	-15.14	-	-	QP
4	501.1790	35.50	-4.47	31.03	46.00	-14.97	-	-	QP
5	750.1083	33.55	-0.87	32.68	46.00	-13.32	-	-	QP
6	875.2470	32.60	1.08	33.68	46.00	-12.32	-	-	QP

802.11b_11Mbps			
Test Channel	High	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	36.8953	36.67	-12.30	24.37	40.00	-15.63	-	-	QP
2	209.3129	46.69	-11.11	35.58	43.50	-7.92	-	-	QP
3	366.8231	40.84	-5.84	35.00	46.00	-11.00	-	-	QP
4	499.4247	41.99	-4.49	37.50	46.00	-8.50	-	-	QP
5	556.7744	41.83	-3.46	38.37	46.00	-7.63	-	-	QP
6	750.1083	36.91	-0.87	36.04	46.00	-9.96	-	-	QP

Remark: '-' Means' the test Degree and Height are not recorded by the test software and only show the worst case in the test report.

- Spurious Emissions Above 1GHz
- Test Mode: 802.11b_11Mbps(Worst mode)
- Antenna 1

Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polar H/V	Detector
Low Channel-2412MHz							
4824.000	61.66	-3.86	57.80	74	-16.20	H	PK
4824.000	43.15	-3.86	39.29	54	-14.71	H	AV
7236.000	57.99	1.10	59.09	74	-14.91	H	PK
7236.000	38.22	1.10	39.32	54	-14.68	H	AV
4824.000	60.58	-3.86	56.72	74	-17.28	V	PK
4824.000	46.50	-3.86	42.64	54	-11.36	V	AV
7236.000	60.52	1.10	61.62	74	-12.38	V	PK
7236.000	38.69	1.10	39.79	54	-14.21	V	AV
Middle Channel-2437MHz							
4874.000	61.26	-3.74	57.52	74	-16.48	H	PK
4874.000	43.28	-3.74	39.54	54	-14.46	H	AV
7311.000	58.07	1.47	59.54	74	-14.46	H	PK
7311.000	39.66	1.47	41.13	54	-12.87	H	AV
4874.000	60.38	-3.74	56.64	74	-17.36	V	PK
4874.000	47.02	-3.74	43.28	54	-10.72	V	AV
7311.000	59.79	1.47	61.26	74	-12.74	V	PK
7311.000	39.30	1.47	40.77	54	-13.23	V	AV
High Channel-2462MHz							
4924.000	62.19	-3.63	58.56	74	-15.44	H	PK
4924.000	43.38	-3.63	39.75	54	-14.25	H	AV
7386.000	57.62	1.62	59.24	74	-14.76	H	PK
7386.000	38.23	1.62	39.85	54	-14.15	H	AV
4924.000	60.70	-3.63	57.07	74	-16.93	V	PK
4924.000	46.49	-3.63	42.86	54	-11.14	V	AV
7386.000	60.29	1.62	61.91	74	-12.09	V	PK
7386.000	38.57	1.62	40.19	54	-13.81	V	AV

Antenna 2

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2412MHz							
4824.000	62.00	-3.86	58.14	74	-15.86	H	PK
4824.000	43.01	-3.86	39.15	54	-14.85	H	AV
7236.000	58.41	1.10	59.51	74	-14.49	H	PK
7236.000	38.69	1.10	39.79	54	-14.21	H	AV
4824.000	60.69	-3.86	56.83	74	-17.17	V	PK
4824.000	45.43	-3.86	41.57	54	-12.43	V	AV
7236.000	60.21	1.10	61.31	74	-12.69	V	PK
7236.000	39.07	1.10	40.17	54	-13.83	V	AV
Middle Channel-2437MHz							
4874.000	61.91	-3.74	58.17	74	-15.83	H	PK
4874.000	43.78	-3.74	40.04	54	-13.96	H	AV
7311.000	58.50	1.47	59.97	74	-14.03	H	PK
7311.000	38.02	1.47	39.49	54	-14.51	H	AV
4874.000	60.48	-3.74	56.74	74	-17.26	V	PK
4874.000	45.88	-3.74	42.14	54	-11.86	V	AV
7311.000	60.37	1.47	61.84	74	-12.16	V	PK
7311.000	39.51	1.47	40.98	54	-13.02	V	AV
High Channel-2462MHz							
4924.000	62.26	-3.63	58.63	74	-15.37	H	PK
4924.000	43.03	-3.63	39.40	54	-14.60	H	AV
7386.000	57.62	1.62	59.24	74	-14.76	H	PK
7386.000	39.26	1.62	40.88	54	-13.12	H	AV
4924.000	60.41	-3.63	56.78	74	-17.22	V	PK
4924.000	46.25	-3.63	42.62	54	-11.38	V	AV
7386.000	60.15	1.62	61.77	74	-12.23	V	PK
7386.000	39.56	1.62	41.18	54	-12.82	V	AV

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

5. Conducted Emissions

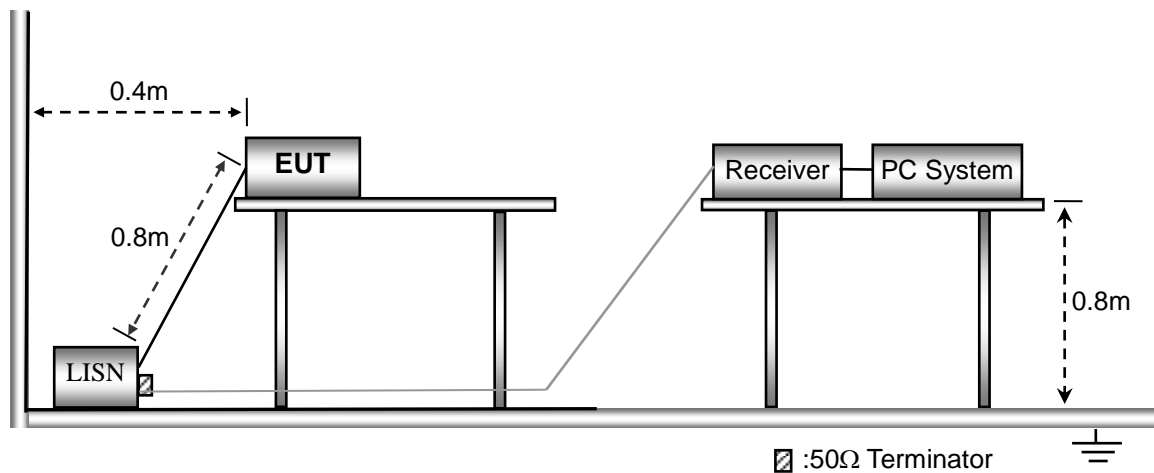
5.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

5.2 Basic Test Setup Block Diagram



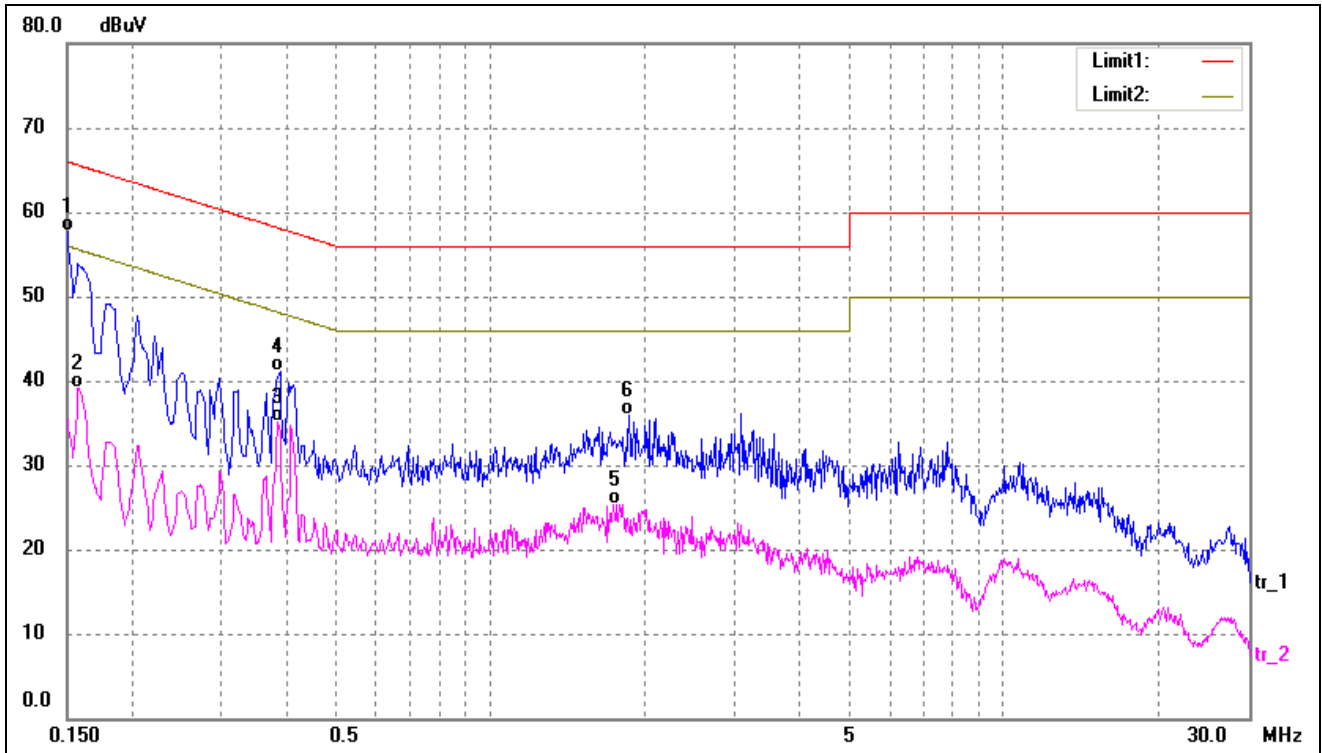
5.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency	150 kHz
Stop Frequency	30 MHz
Sweep Speed	Auto
IF Bandwidth.....	10 kHz
Quasi-Peak Adapter Bandwidth	9 kHz
Quasi-Peak Adapter Mode	Normal

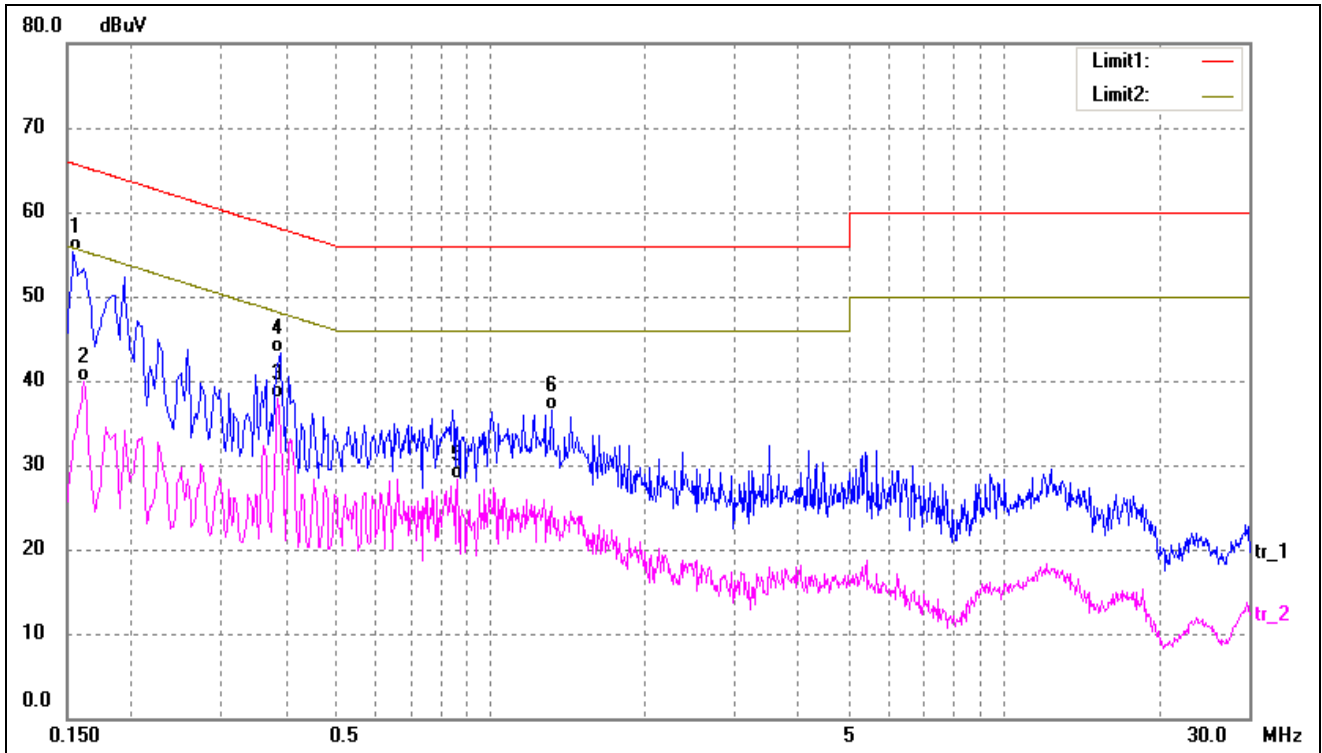
5.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1500	47.50	10.25	57.75	66.00	-8.25	QP
2	0.1580	28.89	10.25	39.14	55.57	-16.43	AVG
3	0.3860	24.96	10.23	35.19	48.15	-12.96	AVG
4	0.3900	30.86	10.24	41.10	58.06	-16.96	QP
5	1.7620	15.11	10.26	25.37	46.00	-20.63	AVG
6	1.8660	25.65	10.27	35.92	56.00	-20.08	QP

Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1540	45.07	10.25	55.32	65.78	-10.46	QP
2	0.1620	29.73	10.26	39.99	55.36	-15.37	AVG
3*	0.3860	27.65	10.23	37.88	48.15	-10.27	AVG
4	0.3900	33.08	10.24	43.32	58.06	-14.74	QP
5	0.8620	18.15	10.21	28.36	46.00	-17.64	AVG
6	1.3180	26.22	10.22	36.44	56.00	-19.56	QP

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

******* END OF REPORT *******