

FCC Part 15B Measurement and Test Report

For

JACS Solutions, LLC

8808 Centre Park Drive, Suite 305, Columbia, MD21045, USA

FCC ID: 2AGCD-JACS800V

Test Rule(s):	<u>FCC Part 15 Subpart B</u>
Product Description:	<u>Tablets</u>
Tested Model:	<u>TT800V</u>
Report No.:	<u>STR16018131I-3</u>
Tested Date:	<u>2016-04-10 to 2016-04-25</u>
Issued Date:	<u>2016-04-25</u>
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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM.Test Technology Co., Ltd.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: JACS Solutions, LLC
Address of applicant: 8808 Centre Park Drive, Suite 305, Columbia, MD21045, USA

Manufacturer: Xiamen Candour Co., Ltd
Address of manufacturer: 19F C&D International Building 1669 Huandao East Road, Xiamen, Fujian, China

General Description of EUT	
Product Name:	Tablets
Trade Name:	JACS SOLUTIONS
Model No.:	TT800V
Adding Model(s):	/
Hardware Version:	BS-M81FPG-V1.0
Software Version:	TT800VF1204USV01
IMEI:	354019060171495
<i>Note: The test data is gathered from a production sample, provided by the manufacturer. All test data carry on SIM1 which is the worst case.</i>	

Technical Characteristics of EUT	
Rated Voltage:	Battery: DC 3.7V
AC Power Adaptor #1:	Model: KA24-0502500US
	INPUT: AC100-240V 50/60Hz,0.55A OUTPUT: DC5V/2.5A
AC Power Adaptor #2:	Model: RH050250US
	INPUT: AC100-240V 50/60Hz,0.6A OUTPUT: DC5V/2.5A
Car charging Adaptor:	INPUT: DC12~24V, 1.5A OUTPUT: DC5V/2.5A
Lowest Internal Frequency:	32.768kHz
Highest Internal Frequency:	1.3GHz
Classification of ITE:	Class B

1.2 Test Standards

The following report is prepared on behalf of the JACS Solutions, LLC in accordance with Part 2, Subpart J, and Part 15, Subparts A and B of the Federal Communication Commissions rules.

The objective is to determine compliance with FCC Part 15, Subpart B, and section 15.205, 15.107, and 15.109 rules.

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 C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

1.4 Test Facility

FCC – Registration No.: 934118

Shenzhen SEM.Test Technology 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 and the Registration is 934118.

Industry Canada (IC) Registration No.: 11464A

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

CNAS Registration No.: L4062

Shenzhen SEM.Test Technology Co., Ltd. is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L4062. All measurement facilities used to collect the measurement data are located at 1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C (518101).

1.5 EUT Setup and Operation Mode

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted according to the operation manual for use, more detailed description as follows:

Test Mode List:

Test Mode	Description	Remark
TM1	Charging + Playing	/
TM2	Downloading	/
TM3	Charging + Camera	/

EUT Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
Car charging Cable	4.0	Shielded	Without Core
Adapter #1 Cable	1.0	Shielded	Without Core
Adapter #2 Cable	1.0	Shielded	Without Core

Auxiliary Equipment List and Details

Description	Manufacturer	Model	Serial Number
Notebook	Lenovo	E10	LR-63C8R

Special Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
Earphone Cable	1.2	Unshielded	Without Core

1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
Conducted Emissions	Conducted	$\pm 2.88\text{dB}$
Transmitter Spurious Emissions	Radiated	$\pm 5.1\text{dB}$

1.7 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Spectrum Analyzer	Agilent	E4407B	MY41440400	2015-06-17	2016-06-16
Spectrum Analyzer	Rohde & Schwarz	FSP	836079/035	2015-06-17	2016-06-16
EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2015-06-17	2016-06-16
Amplifier	Agilent	8447F	3113A06717	2015-06-17	2016-06-16
Amplifier	C&D	PAP-1G18	2002	2015-06-17	2016-06-16
Broadband Antenna	Schwarz beck	VULB9163	9163-333	2015-06-17	2016-06-16
Horn Antenna	ETS	3117	00086197	2015-06-17	2016-06-16
Loop Antenna	Schwarz beck	FMZB 1516	9773	2015-06-17	2016-06-16
EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2015-06-17	2016-06-16
L.I.S.N	Schwarz beck	NSLK8126	8126-224	2015-06-17	2016-06-16
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2015-06-17	2016-06-16

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§ 15.107 (a)	Conducted Emissions	Compliant
§ 15.109 (a)	Radiated Emissions	Compliant

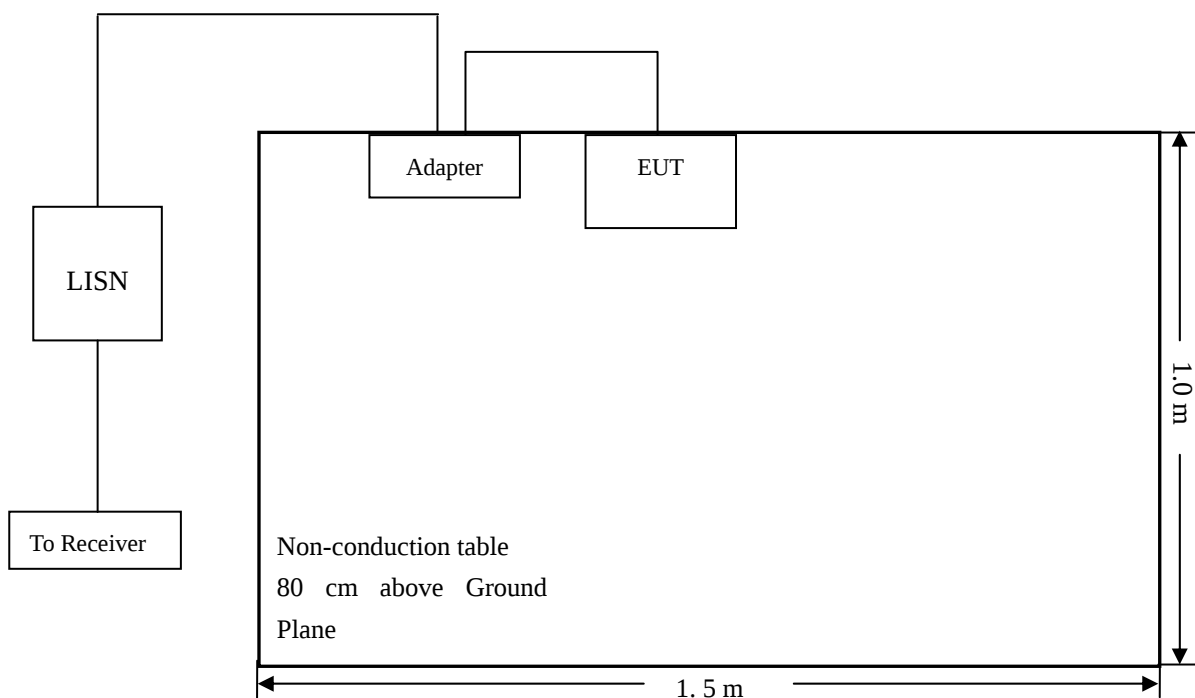
N/A: not applicable

3. Conducted Emissions

3.1 Test Procedure

Test is conducting under the description of ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

3.2 Basic Test Setup Block Diagram



3.3 Environmental Conditions

Temperature:	23 °C
Relative Humidity:	52%
ATM Pressure:	1011 mbar

3.4 Summary of Test Results/Plots

According to the data in section 3.6, the EUT complied with the FCC Part 15.107(a) Conducted margin for a Class B device, with the *worst* margin reading of:

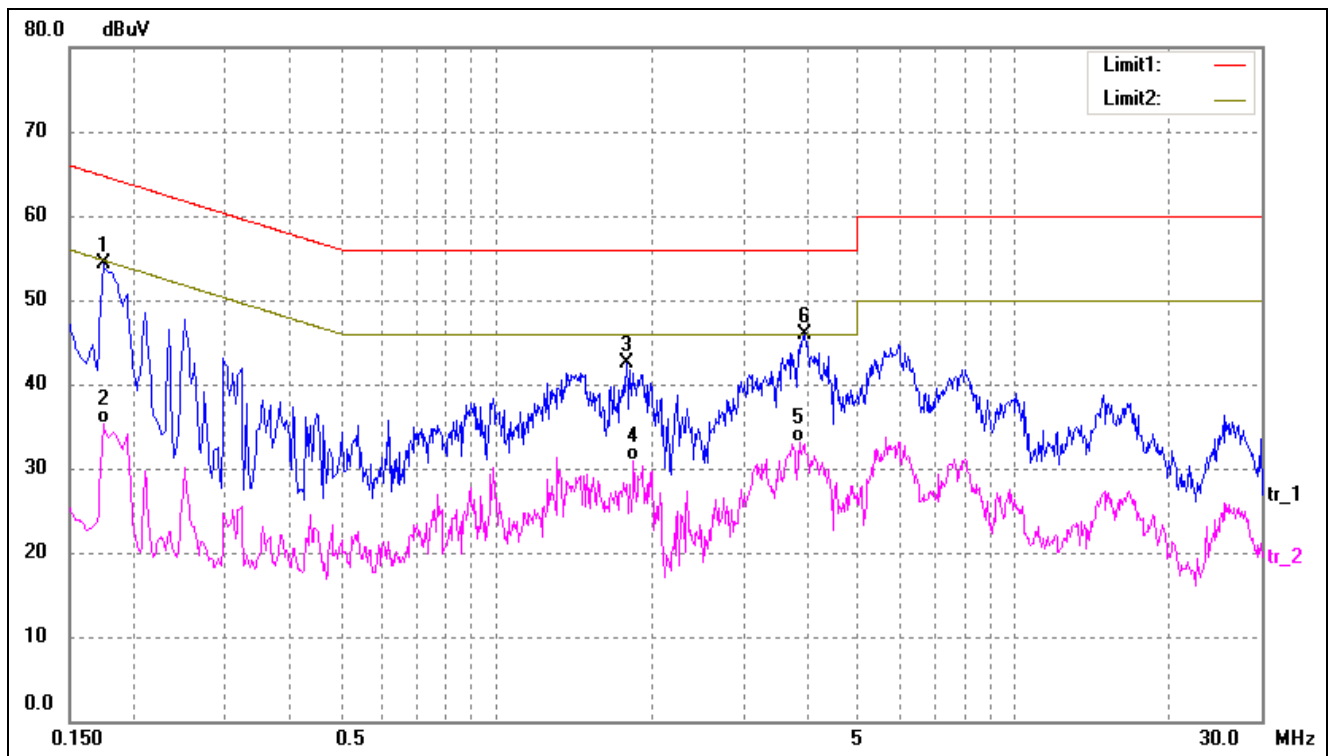
-6.74 dB at 0.6060 MHz in the **Line** mode, peak detector, AC Power Adaptor #2, **0.15-30MHz**

3.5 Conducted Emissions Test Data

AC Power Adaptor #1:

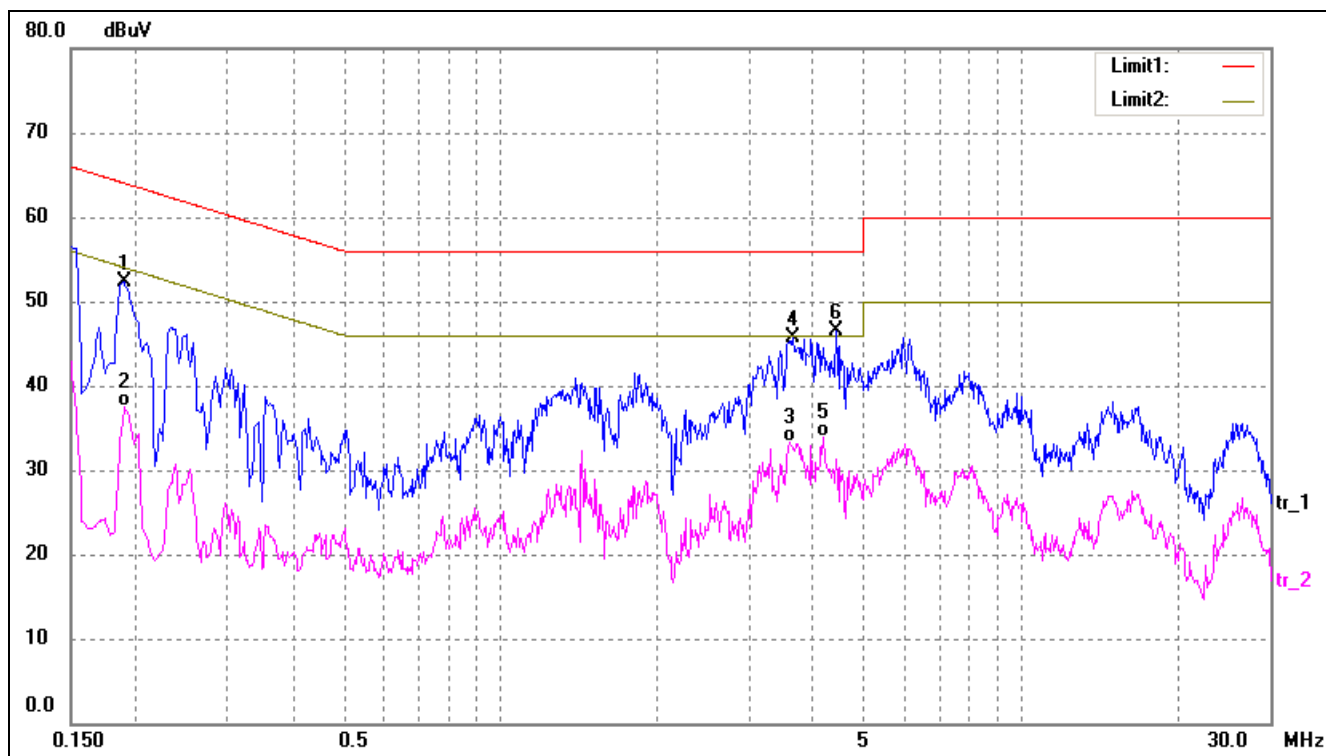
Plot of Conducted Emissions Test Data

EUT: Tablets
Tested Model: TT800V
Operating Condition: TM1
Comment: AC 120V/60Hz; Adapter DC 5V
Test Specification: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1740	45.24	9.06	54.30	64.77	-10.47	peak
2	0.1740	26.34	9.06	35.40	54.77	-19.37	AVG
3	1.7900	31.53	11.00	42.53	56.00	-13.47	peak
4	1.8420	19.88	11.00	30.88	46.00	-15.12	AVG
5	3.8460	20.91	12.23	33.14	46.00	-12.86	AVG
6*	3.9460	33.66	12.30	45.96	56.00	-10.04	peak

Test Specification: Line

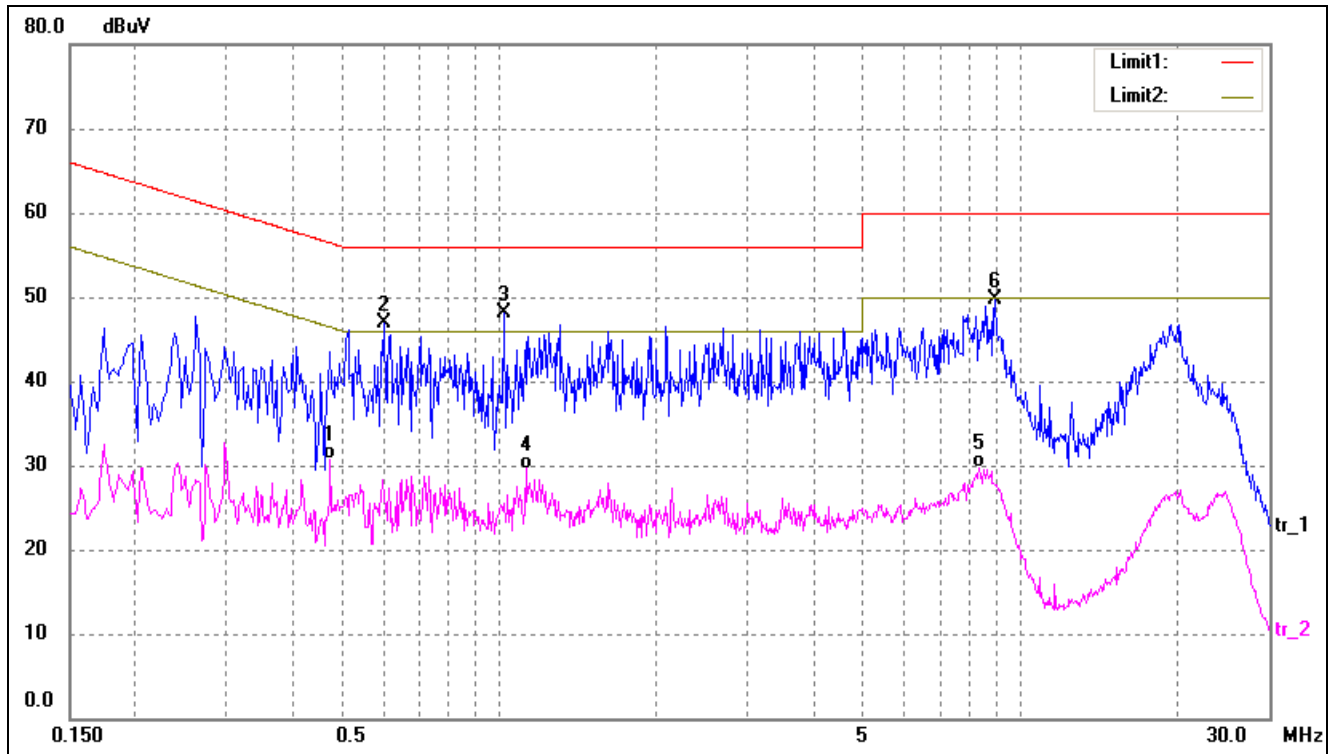


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1900	44.27	8.10	52.37	64.04	-11.67	peak
2	0.1900	29.47	8.10	37.57	54.04	-16.47	AVG
3	3.5940	21.15	12.06	33.21	46.00	-12.79	AVG
4	3.6580	33.64	12.11	45.75	56.00	-10.25	peak
5	4.1580	21.41	12.44	33.85	46.00	-12.15	AVG
6*	4.4100	33.95	12.61	46.56	56.00	-9.44	peak

AC Power Adaptor #2:

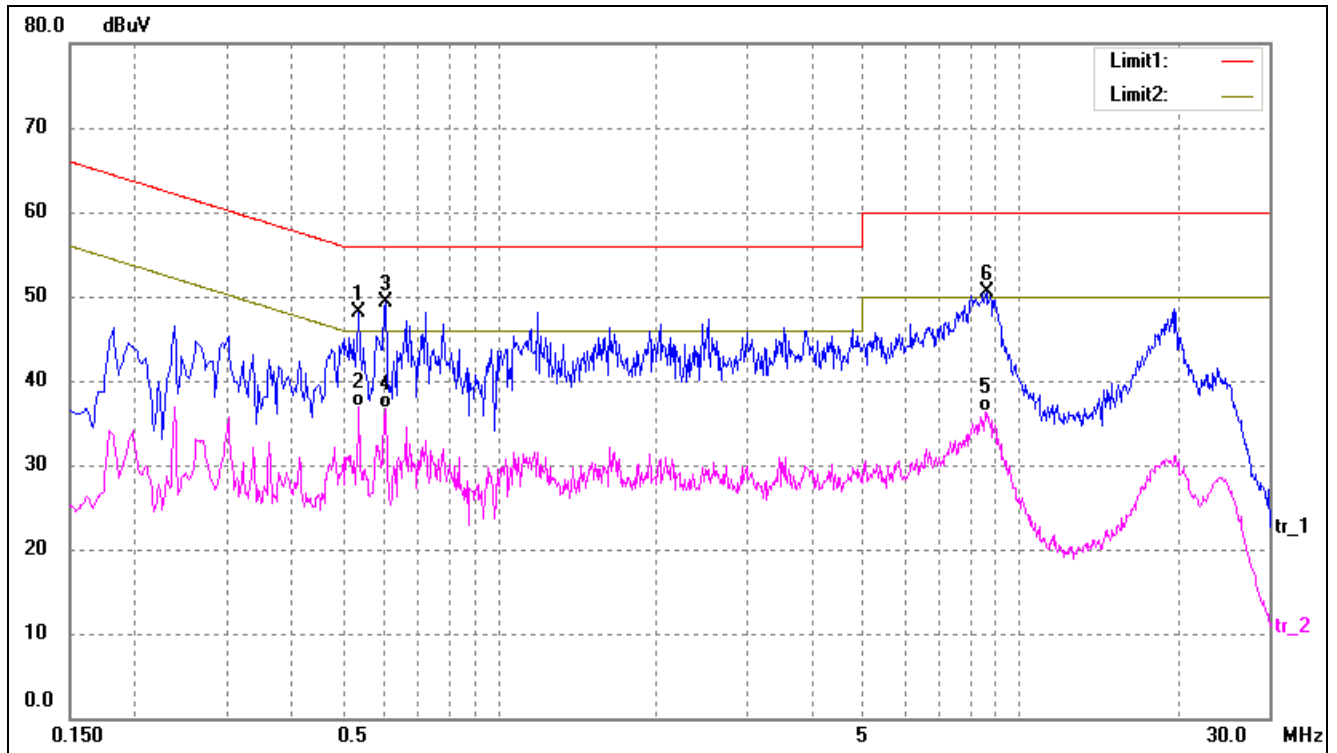
Plot of Conducted Emissions Test Data

EUT: Tablets
 Tested Model: TT800V
 Operating Condition: TM1
 Comment: AC 120V/60Hz; Adapter DC 5V
 Test Specification: Neutral



No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB/m)	(dBuV)	(dBuV)	(dB)	
1	0.4740	21.18	9.54	30.72	46.44	-15.72	AVG
2	0.6020	37.25	9.58	46.83	56.00	-9.17	peak
3*	1.0220	38.36	9.68	48.04	56.00	-7.96	peak
4	1.1260	19.90	9.70	29.60	46.00	-16.40	AVG
5	8.3660	19.39	10.32	29.71	50.00	-20.29	AVG
6	8.9540	39.44	10.33	49.77	60.00	-10.23	peak

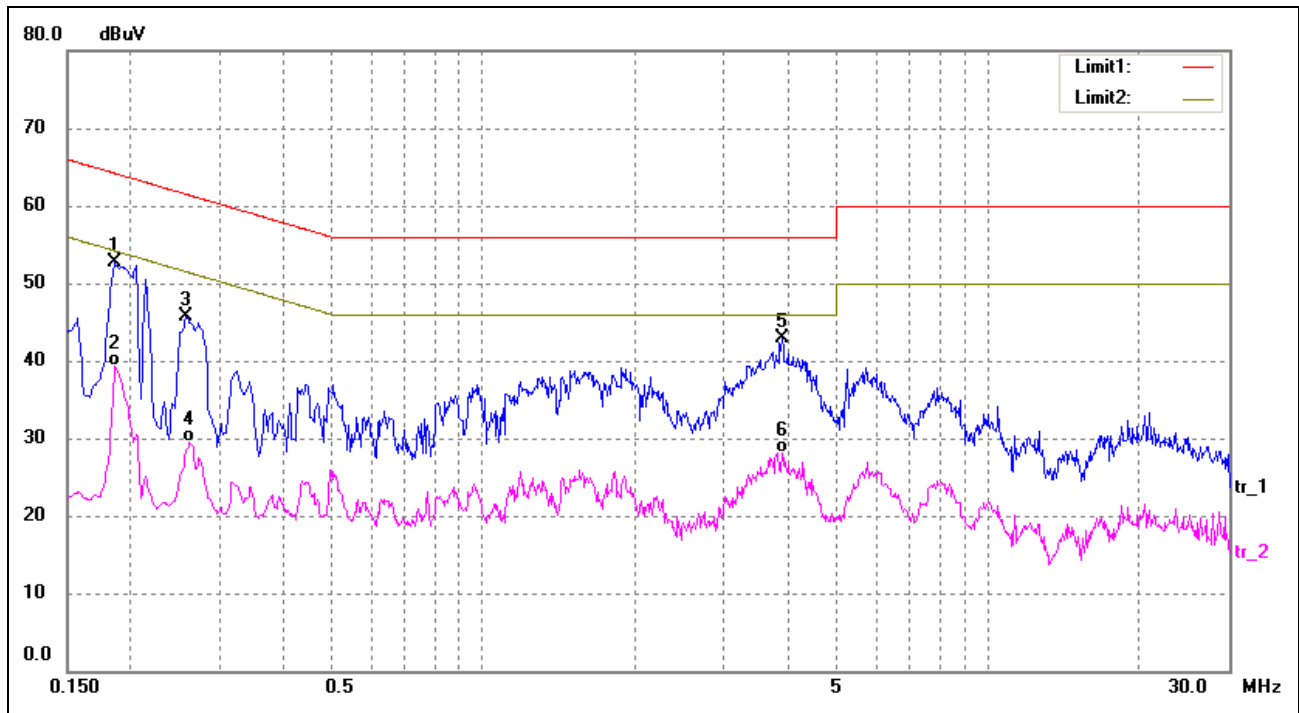
Test Specification: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.5380	38.50	9.57	48.07	56.00	-7.93	peak
2	0.5380	27.39	9.57	36.96	46.00	-9.04	AVG
3*	0.6060	39.67	9.59	49.26	56.00	-6.74	peak
4	0.6060	27.15	9.59	36.74	46.00	-9.26	AVG
5	8.5660	25.98	10.33	36.31	50.00	-13.69	AVG
6	8.6260	40.16	10.33	50.49	60.00	-9.51	peak

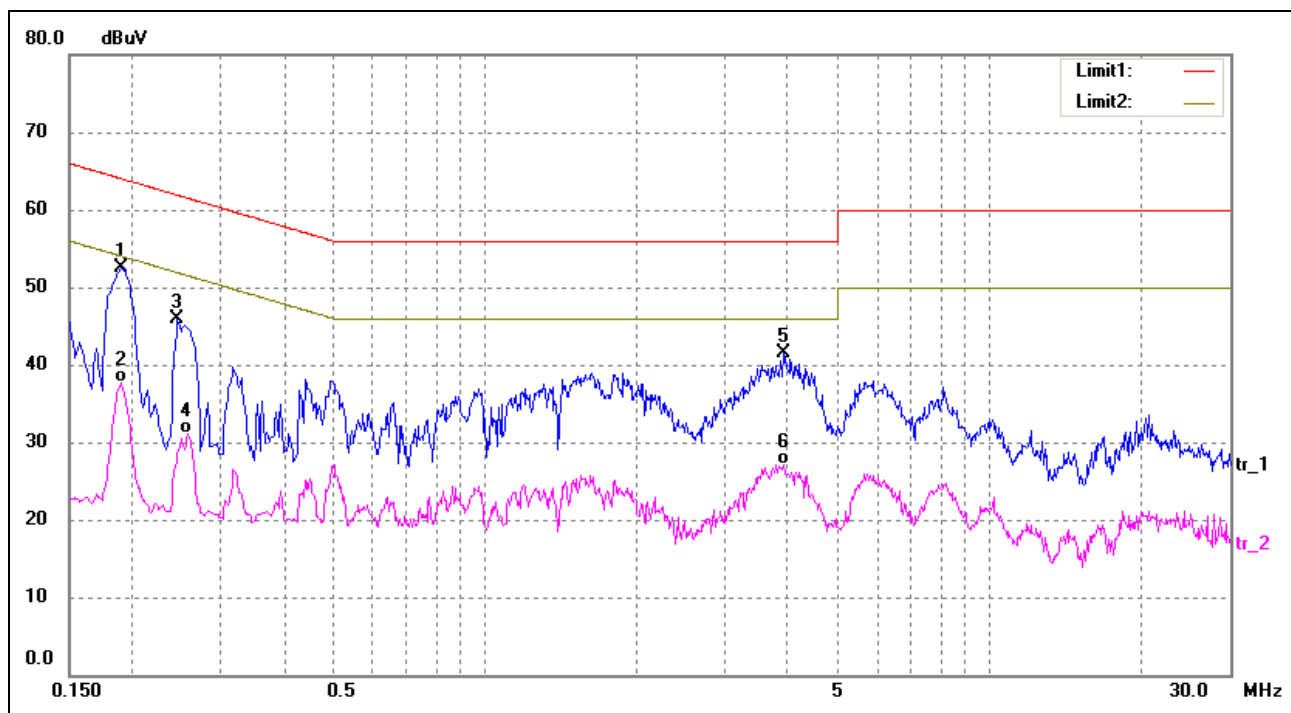
Plot of Conducted Emissions Test Data

EUT: Tablets
 Tested Model: TT800V
 Operating Condition: TM2
 Comment: AC 120V/60Hz; USB 5V
 Test Specification: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1860	43.15	9.50	52.65	64.21	-11.56	peak
2	0.1860	29.89	9.50	39.39	54.21	-14.82	AVG
3	0.2580	36.25	9.50	45.75	61.50	-15.75	peak
4	0.2620	19.91	9.50	29.41	51.37	-21.96	AVG
5	3.9140	32.88	10.00	42.88	56.00	-13.12	peak
6	3.9140	18.18	10.00	28.18	46.00	-17.82	AVG

Test Specification: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1900	42.96	9.50	52.46	64.04	-11.58	peak
2	0.1900	28.20	9.50	37.70	54.04	-16.34	AVG
3	0.2460	36.48	9.50	45.98	61.89	-15.91	peak
4	0.2580	21.57	9.50	31.07	51.50	-20.43	AVG
5	3.9020	31.45	10.00	41.45	56.00	-14.55	peak
6	3.9020	17.07	10.00	27.07	46.00	-18.93	AVG

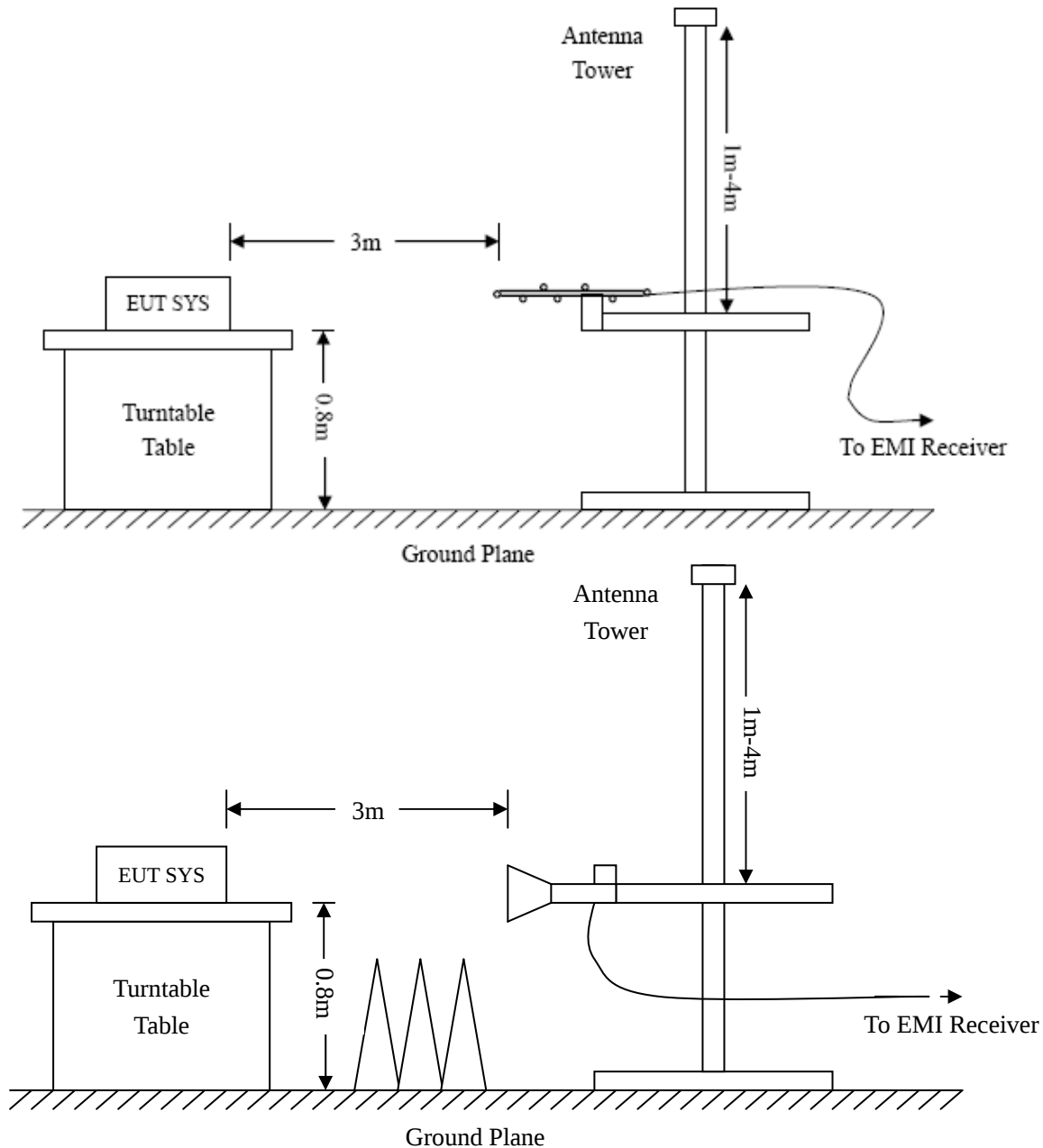
4. Radiated Emissions

4.1 Test Procedure

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15.109 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.



4.2 Test Receiver Setup

Frequency :9kHz-30MHz

RBW=10KHz,

VBW =30KHz

Sweep time= Auto

Trace = max hold

Detector function = peak

Frequency :30MHz-1GHz

RBW=120KHz,

VBW=300KHz

Sweep time= Auto

Trace = max hold

Detector function = peak, QP

Frequency :Above 1GHz

RBW=1MHz,

VBW=3MHz(Peak), 10Hz(AV)

Sweep time= Auto

Trace = max hold

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:

$$\text{Corr. Ampl.} = \text{Indicated Reading} - \text{Corr. Factor}$$

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 for a Class B device. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15.109(a) Limit}$$

4.4 Environmental Conditions

Temperature:	23 °C
Relative Humidity:	55 %
ATM Pressure:	1011 mbar

4.5 Summary of Test Results/Plots

According to the data, the EUT complied with the FCC Part 15.109(a) rule, and had the worst margin of:

-2.74 dB at 827.4934 MHz in the Horizontal polarization, AC Power Adaptor #1 ,TM1 Mode 30MHz to 6.5 GHz, 3Meters

Plot of Radiated Emissions Test Data

AC Power Adaptor #1:

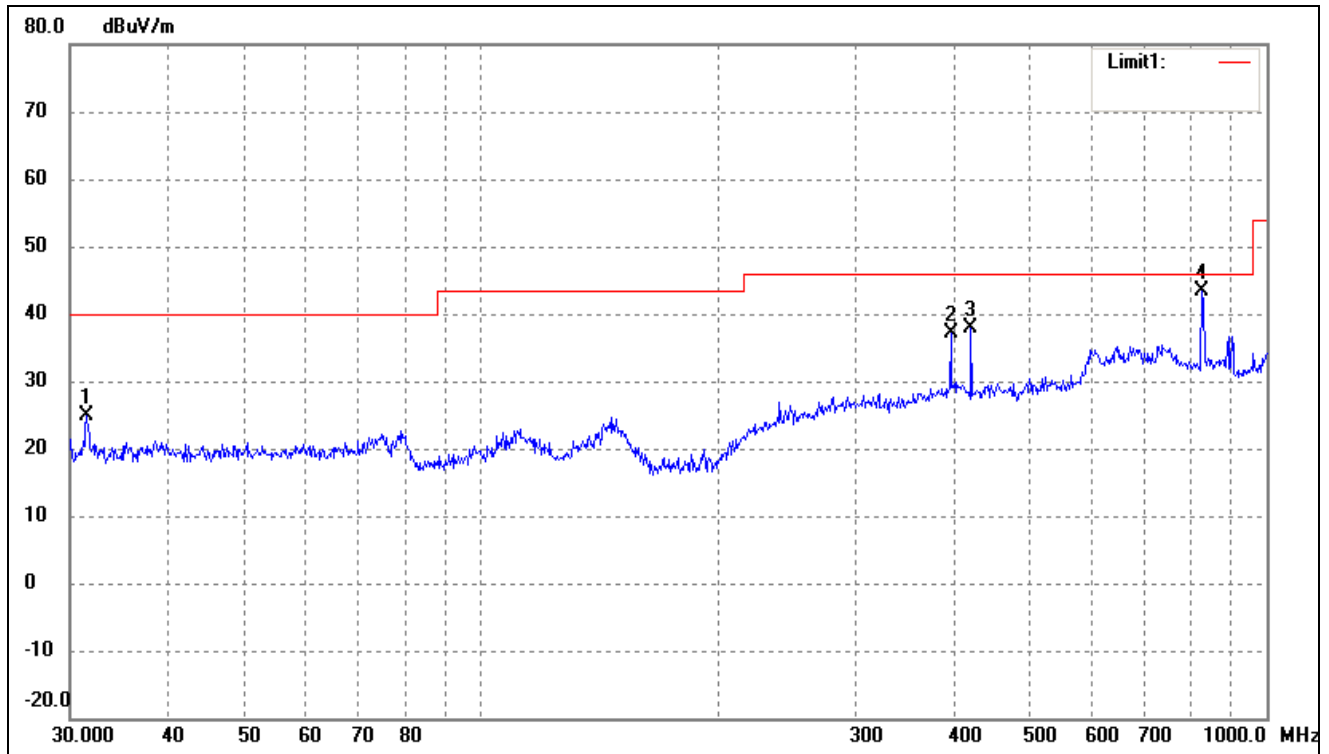
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM1

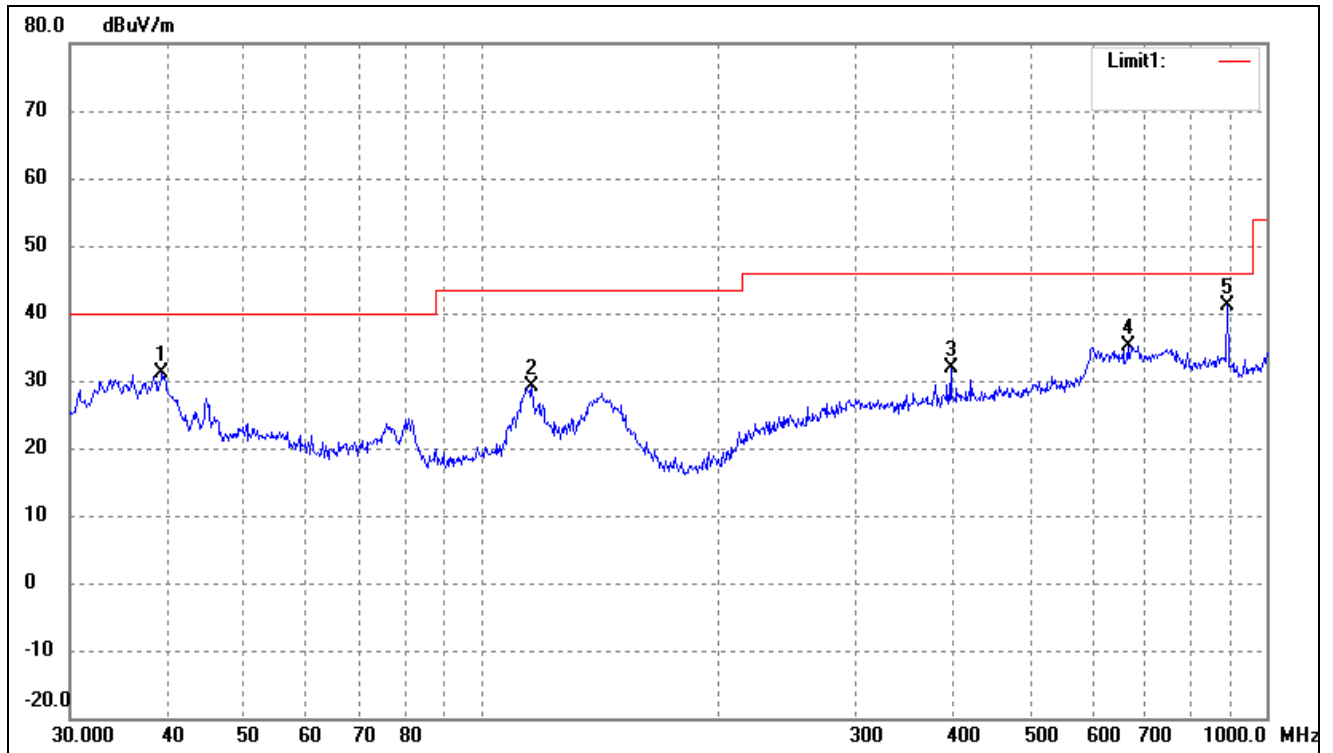
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	31.5095	21.02	3.87	24.89	40.00	-15.11	145	100	peak
2	396.2415	24.10	12.95	37.05	46.00	-8.95	166	100	peak
3	420.5803	25.59	12.39	37.98	46.00	-8.02	172	100	peak
4*	827.4934	26.10	17.16	43.26	46.00	-2.74	184	10	peak

Test Specification: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	39.2991	25.91	5.13	31.04	40.00	-8.96	13	100	peak
2	116.1321	24.05	5.04	29.09	43.50	-14.41	13	100	peak
3	396.2415	18.97	12.95	31.92	46.00	-14.08	13	100	peak
4	665.8035	16.74	18.46	35.20	46.00	-10.80	13	100	peak
5	890.7278	23.77	17.30	41.07	46.00	-4.93	13	100	peak

Plot of Radiated Emissions Test Data

AC Power Adaptor #2:

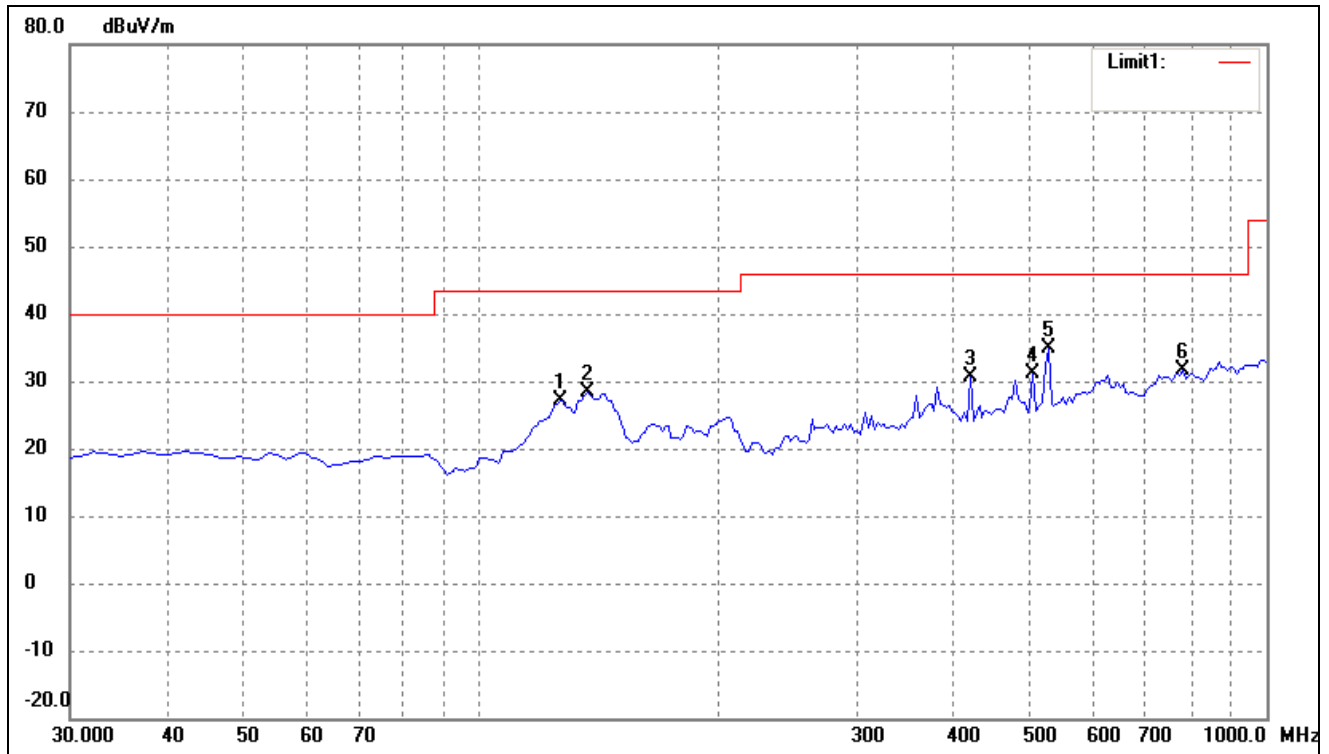
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM1

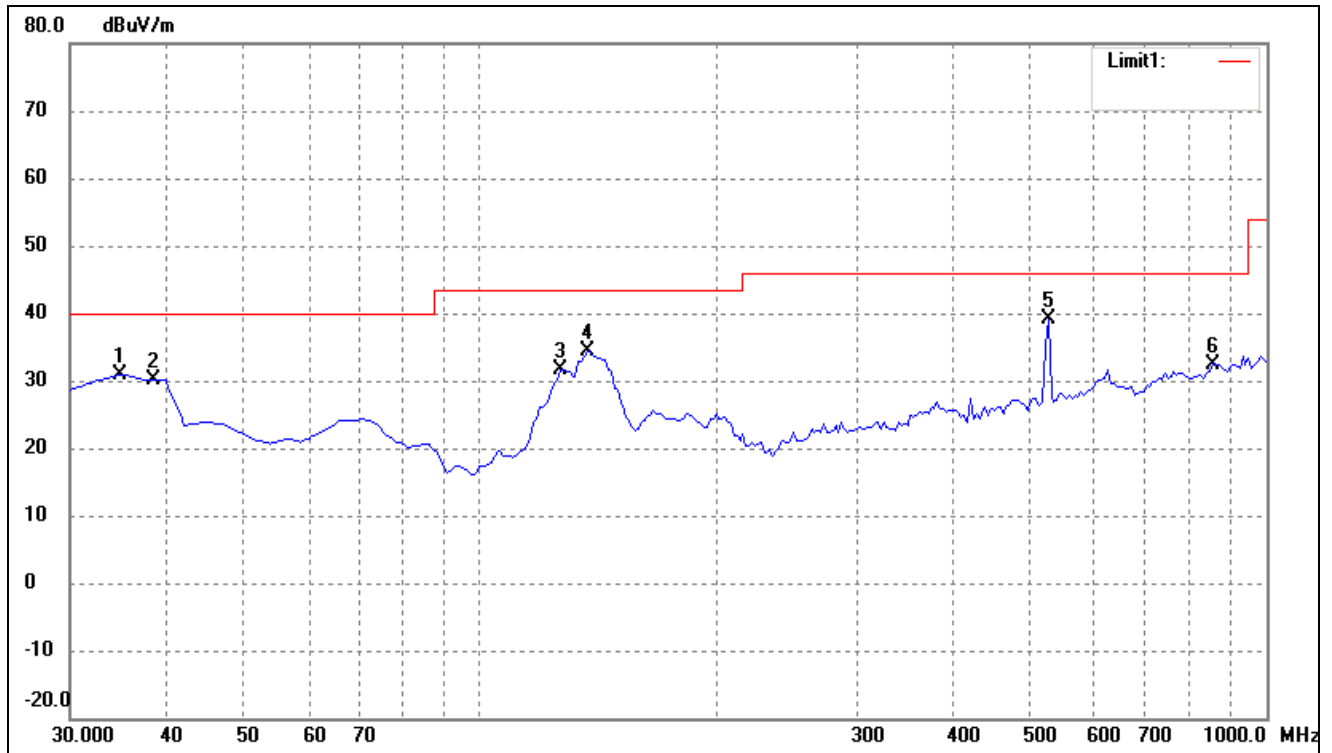
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	127.0000	38.96	-11.83	27.13	43.50	-16.37	145	100	peak
2	136.7000	40.85	-12.38	28.47	43.50	-15.03	166	100	peak
3	420.4250	34.01	-3.49	30.52	46.00	-15.48	172	100	peak
4	505.3000	33.20	-2.11	31.09	46.00	-14.91	184	100	peak
5	529.5500	36.62	-1.84	34.78	46.00	-11.22	180	100	peak
6	784.1750	28.96	2.69	31.65	46.00	-14.35	354	100	peak

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	34.8500	40.05	-9.08	30.97	40.00	-9.03	13	100	peak
2	38.3462	38.28	-8.12	30.16	40.00	-9.84	13	100	peak
3	127.0000	43.45	-11.83	31.62	43.50	-11.88	13	100	peak
4	136.7000	46.71	-12.38	34.33	43.50	-9.17	13	100	peak
5	529.5500	41.05	-1.84	39.21	46.00	-6.79	13	100	peak
6	859.3500	29.60	2.90	32.50	46.00	-13.50	13	100	peak

Plot of Radiated Emissions Test Data

Car charging Adaptor

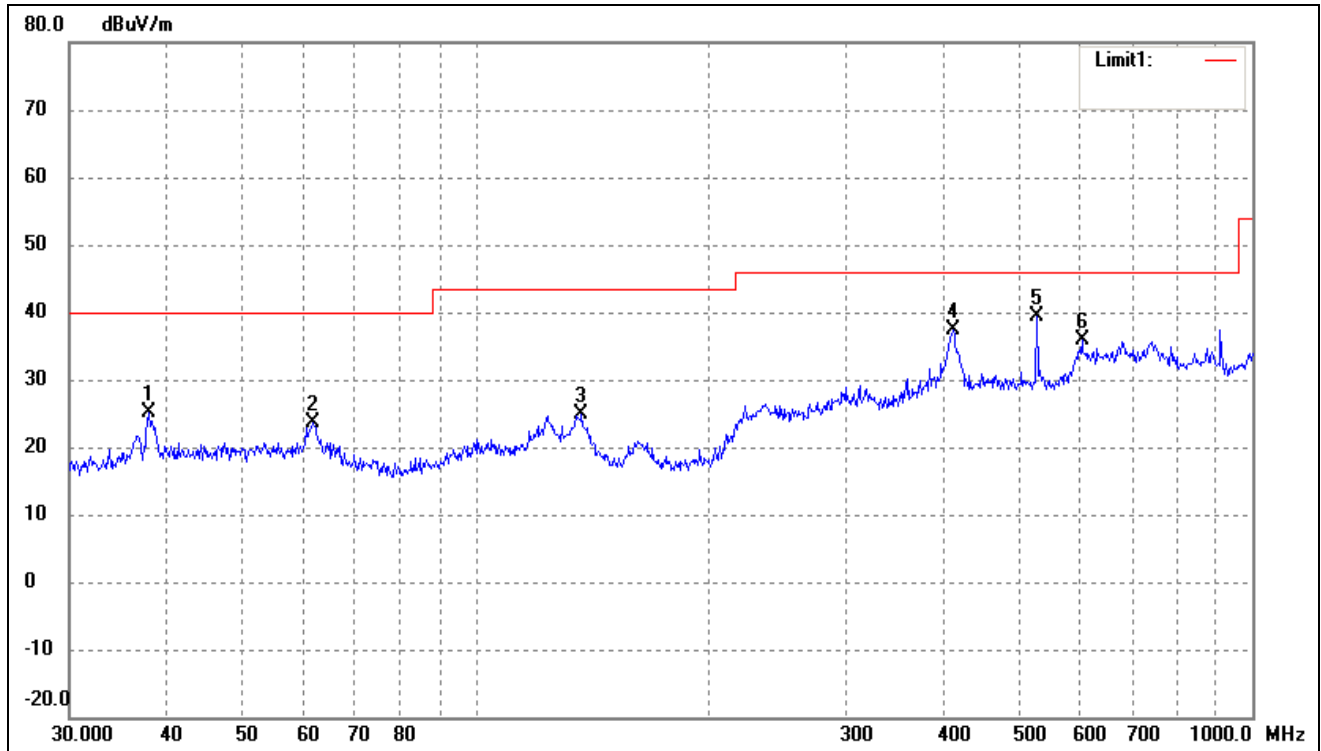
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM1

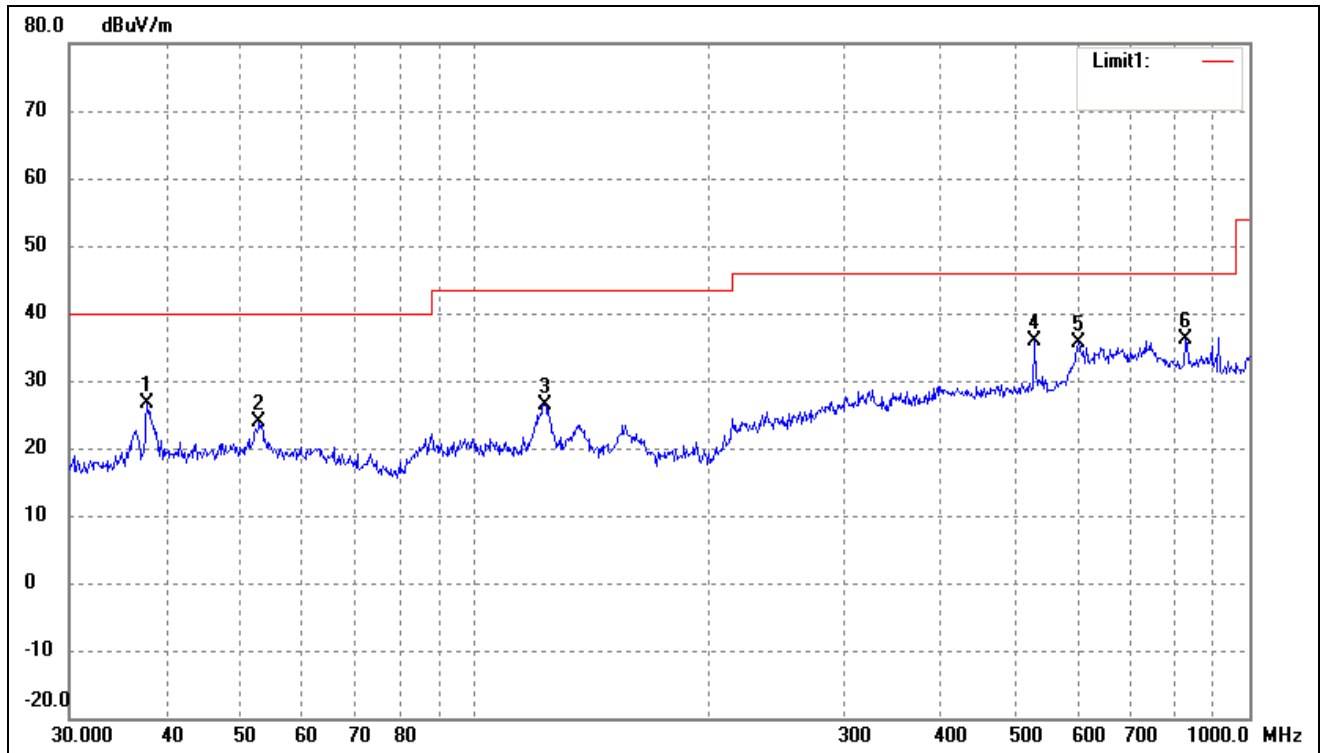
Comment: DC 5V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	37.9450	20.24	4.90	25.14	40.00	-14.86	145	100	peak
2	61.7781	18.60	4.99	23.59	40.00	-16.41	166	100	peak
3	136.9392	21.32	3.65	24.97	43.50	-18.53	172	100	peak
4	411.8240	24.72	12.69	37.41	46.00	-8.59	184	10	peak
5	528.2458	25.07	14.35	39.42	46.00	-6.58	13	100	peak
6	603.5392	16.92	19.06	35.98	46.00	-10.02	355	10	peak

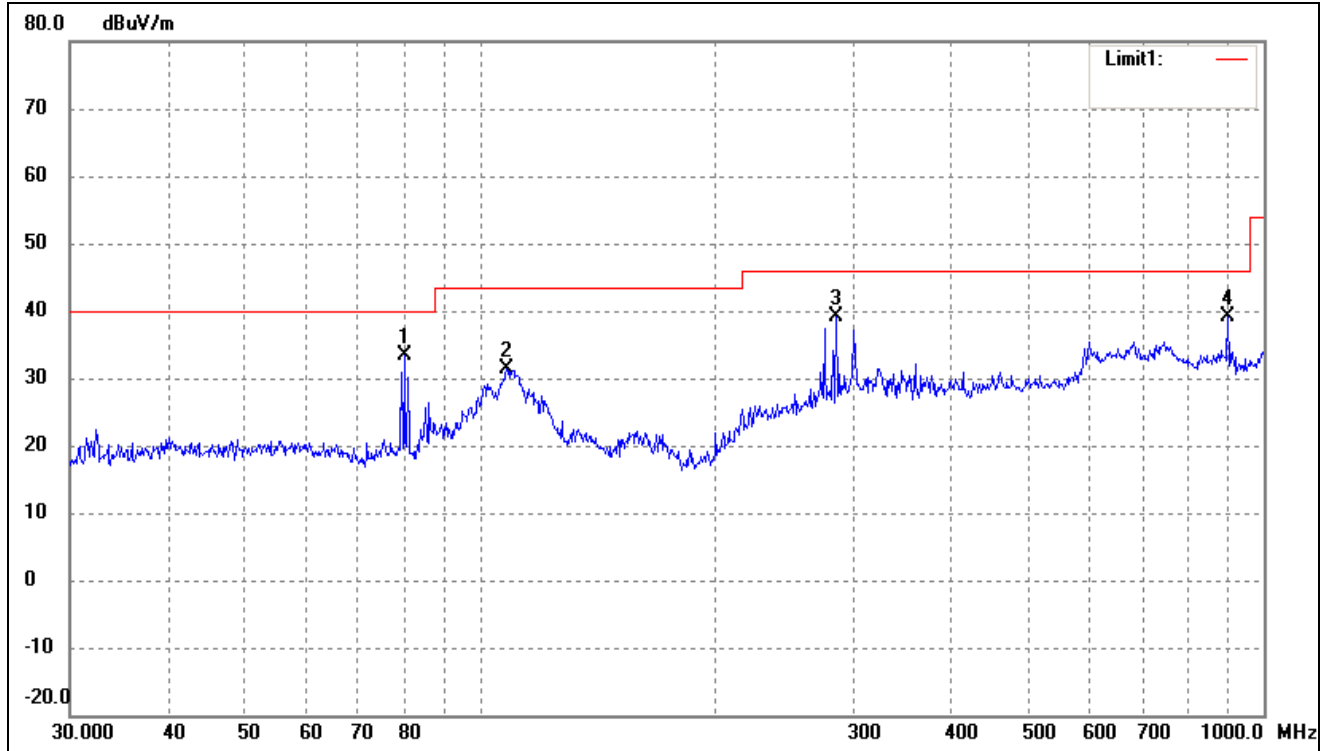
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	37.8121	21.74	4.88	26.62	40.00	-13.38	13	100	peak
2	52.7600	18.52	5.30	23.82	40.00	-16.18	13	100	peak
3	123.2655	21.62	4.76	26.38	43.50	-17.12	13	100	peak
4	528.2458	21.61	14.35	35.96	46.00	-10.04	13	100	peak
5	601.4265	16.47	19.22	35.69	46.00	-10.31	13	100	peak
6	827.4934	18.99	17.16	36.15	46.00	-9.85	13	100	peak

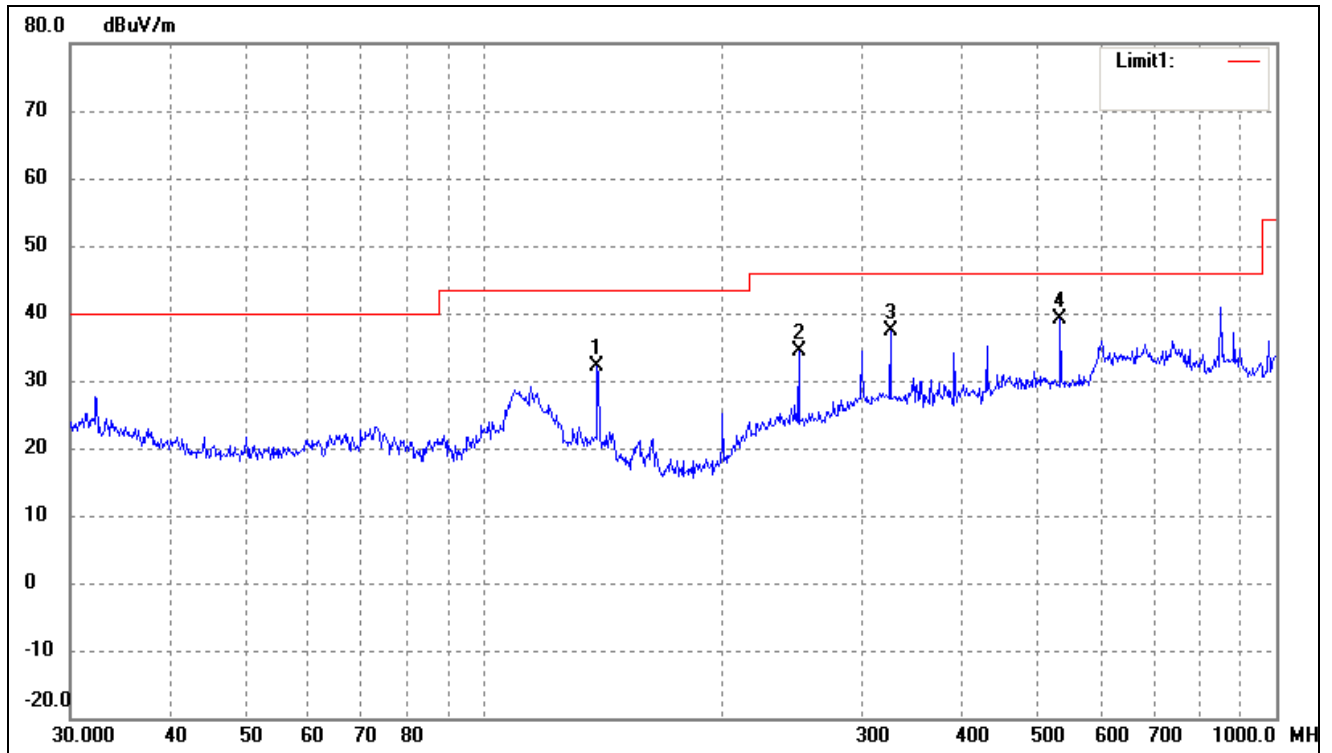
Plot of Radiated Emissions Test Data

EUT: Tablets
 Tested Model: TT800V
 Operating Condition: TM2
 Comment: USB: DC5V
 Test Specification: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	80.0806	31.39	2.01	33.40	40.00	-6.60	305	100	QP
2	108.2667	26.25	5.09	31.34	43.50	-12.16	98	100	QP
3	284.9767	27.65	11.58	39.23	46.00	-6.77	201	100	QP
4	900.1474	22.22	16.84	39.06	46.00	-6.94	55	100	QP

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	138.8735	28.53	3.51	32.04	43.50	-11.46	325	100	QP
2	249.4250	24.77	9.68	34.45	46.00	-11.55	56	100	QP
3	325.5958	25.29	12.14	37.43	46.00	-8.57	98	100	QP
4	533.8321	24.69	14.32	39.01	46.00	-6.99	121	100	QP

Plot of Radiated Emissions Test Data

AC Power Adaptor #1:

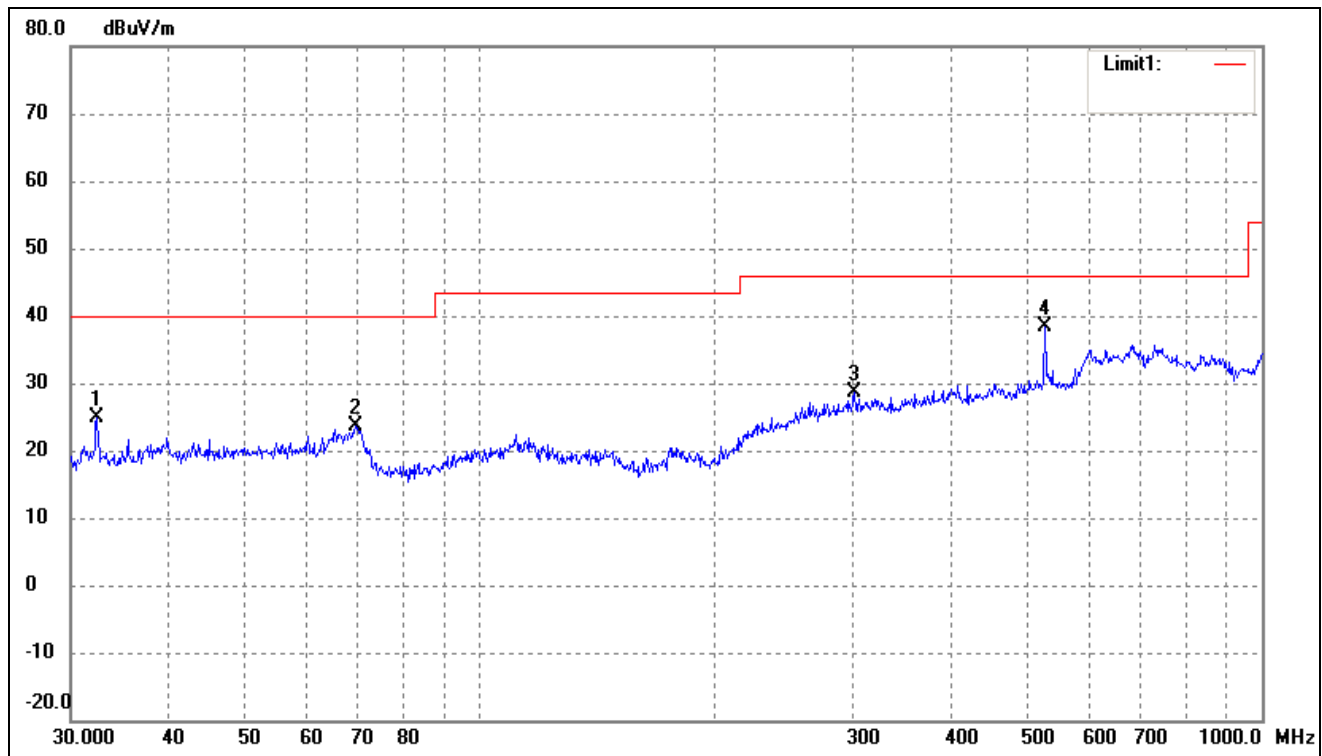
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM3

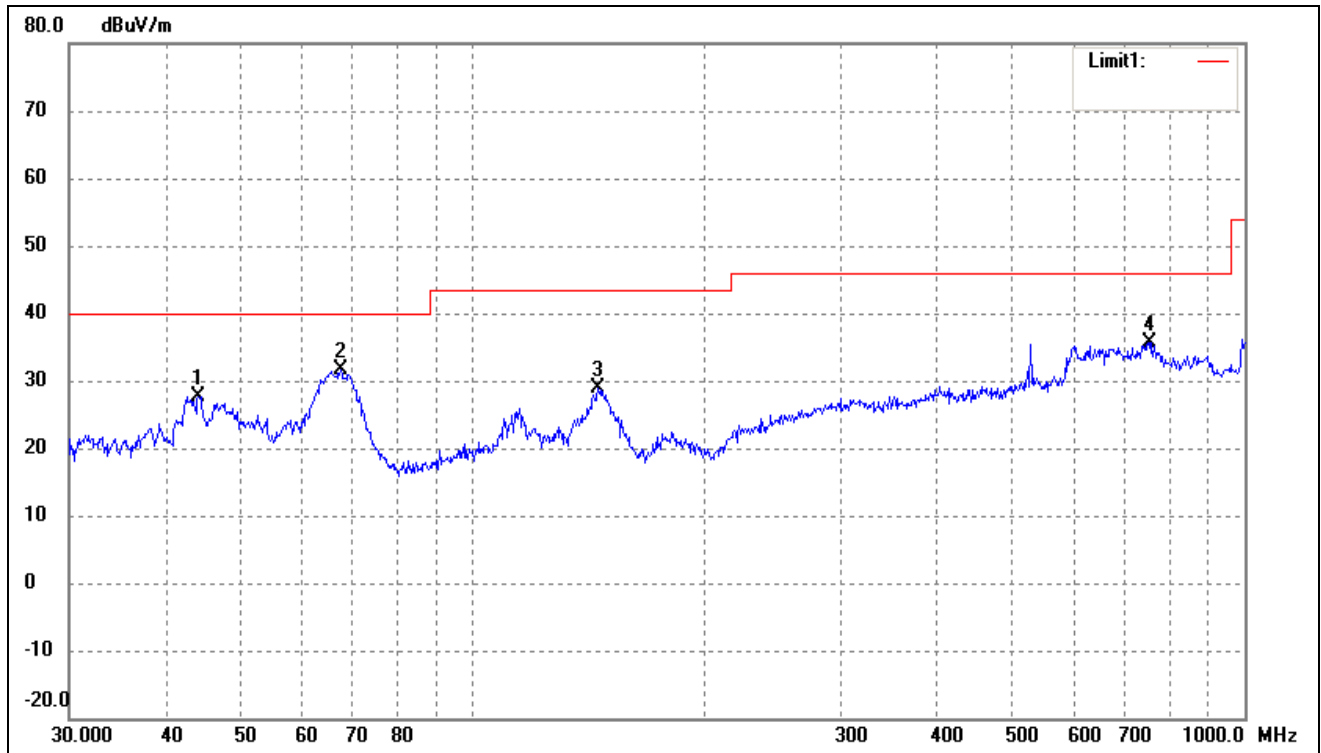
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	32.4059	20.93	4.00	24.93	40.00	-15.07	23	100	QP
2	69.3568	20.21	3.33	23.54	40.00	-16.46	23	100	QP
3	301.4224	16.39	12.18	28.57	46.00	-17.43	23	100	QP
4	528.2458	23.99	14.35	38.34	46.00	-7.66	23	100	QP

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	44.1202	22.36	5.26	27.62	40.00	-12.38	101	100	peak
2*	67.4382	27.99	3.75	31.74	40.00	-8.26	124	100	peak
3	145.3506	25.64	3.19	28.83	43.50	-14.67	136	100	peak
4	752.7432	16.69	18.98	35.67	46.00	-10.33	149	100	peak

Plot of Radiated Emissions Test Data

AC Power Adaptor #2:

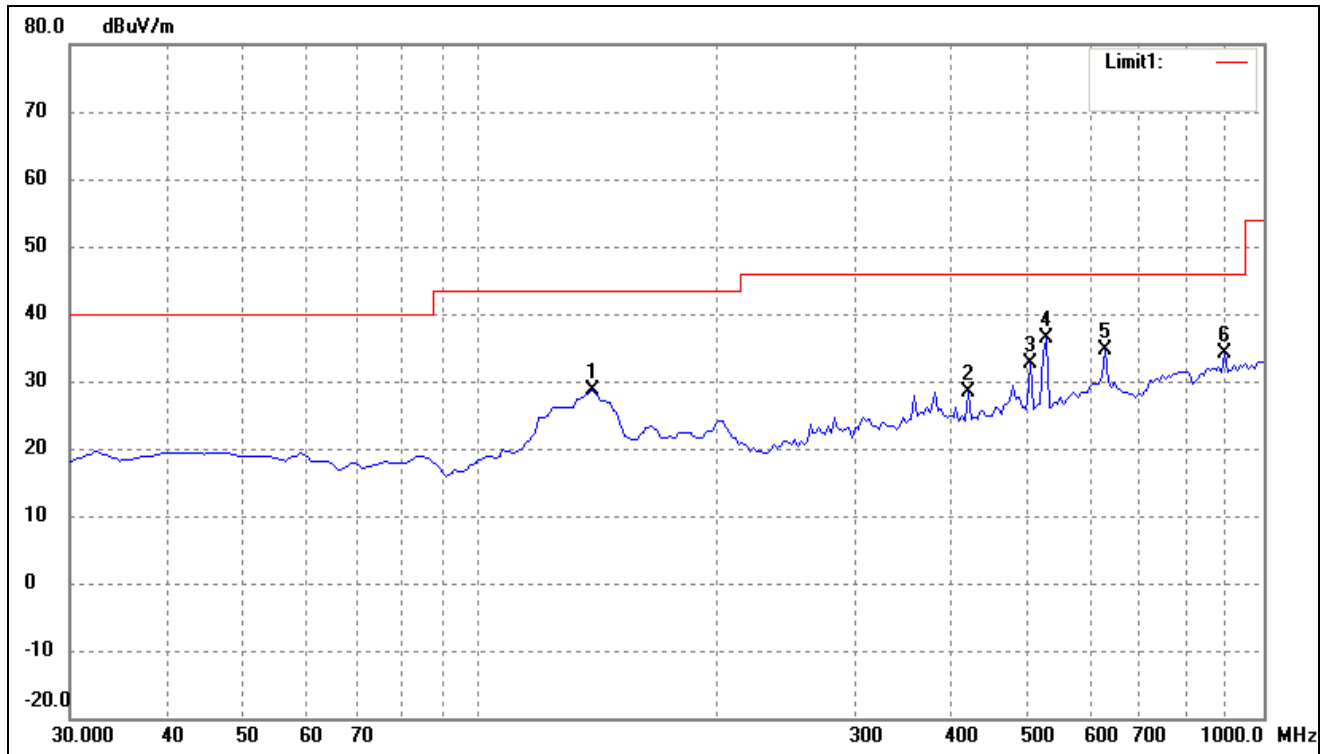
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM3

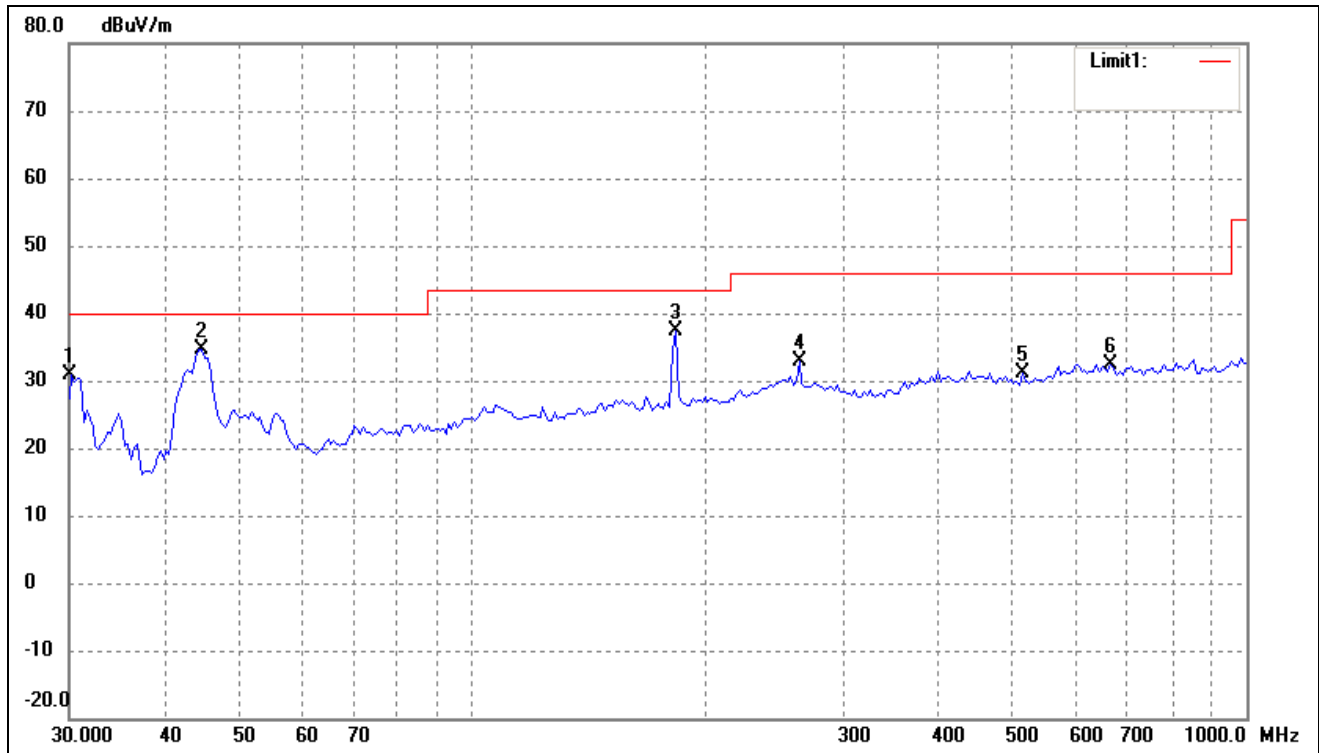
Comment: AC 120V/60Hz; Adapter DC 5V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	139.1250	41.22	-12.51	28.71	43.50	-14.79	23	100	peak
2	420.4250	31.91	-3.49	28.42	46.00	-17.58	23	100	peak
3	505.3000	34.84	-2.11	32.73	46.00	-13.27	23	100	peak
4	529.5500	38.25	-1.84	36.41	46.00	-9.59	23	100	peak
5	631.4000	33.68	0.93	34.61	46.00	-11.39	23	100	peak
6	895.7250	31.02	3.15	34.17	46.00	-11.83	23	100	peak

Test Specification: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	30.2641	41.13	-10.24	30.89	40.00	-9.11	101	100	peak
2	44.5500	42.69	-7.96	34.73	40.00	-5.27	124	100	peak
3	182.7750	48.32	-10.98	37.34	43.50	-6.16	136	100	peak
4	265.2250	39.52	-6.73	32.79	46.00	-13.21	149	100	peak
5	517.4250	33.06	-1.94	31.12	46.00	-14.88	182	100	peak
6	672.6250	32.29	0.18	32.47	46.00	-13.53	17	100	peak

Plot of Radiated Emissions Test Data

Car charging Adaptor

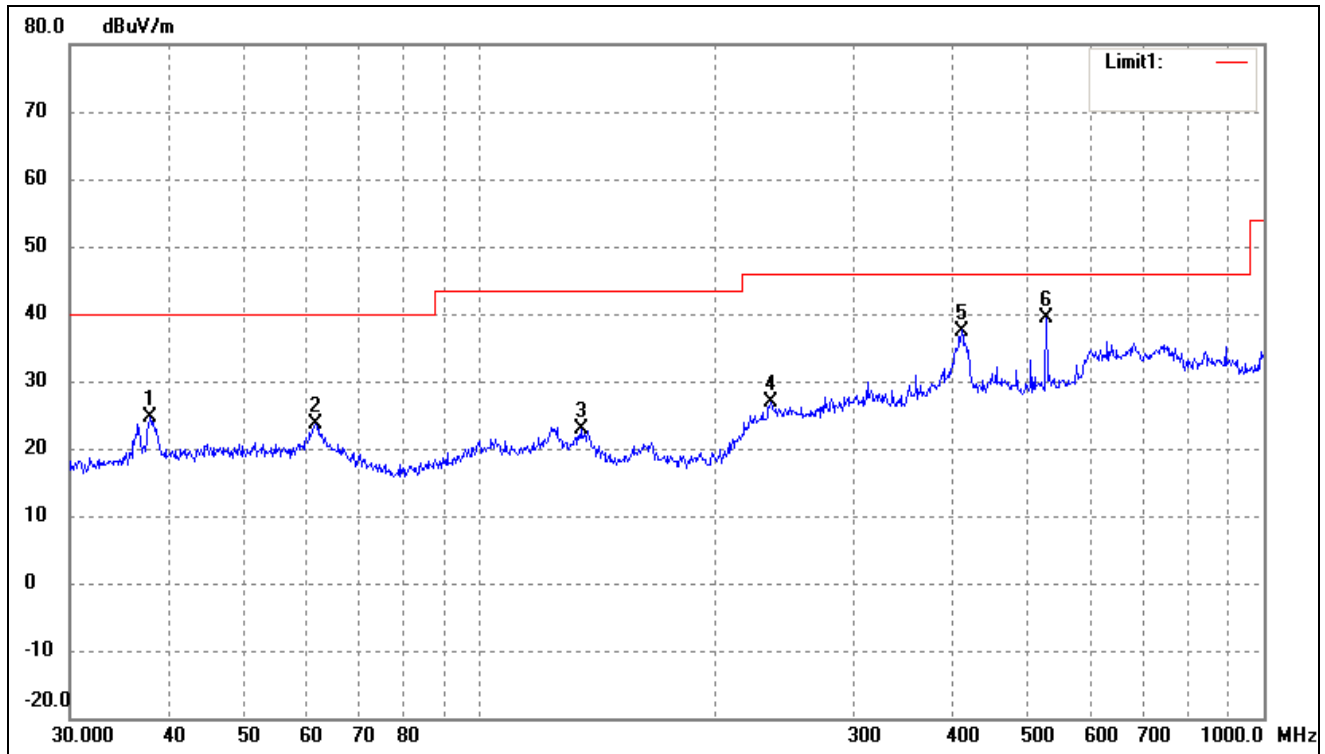
EUT: Tablets

Tested Model: TT800V

Operating Condition: TM3

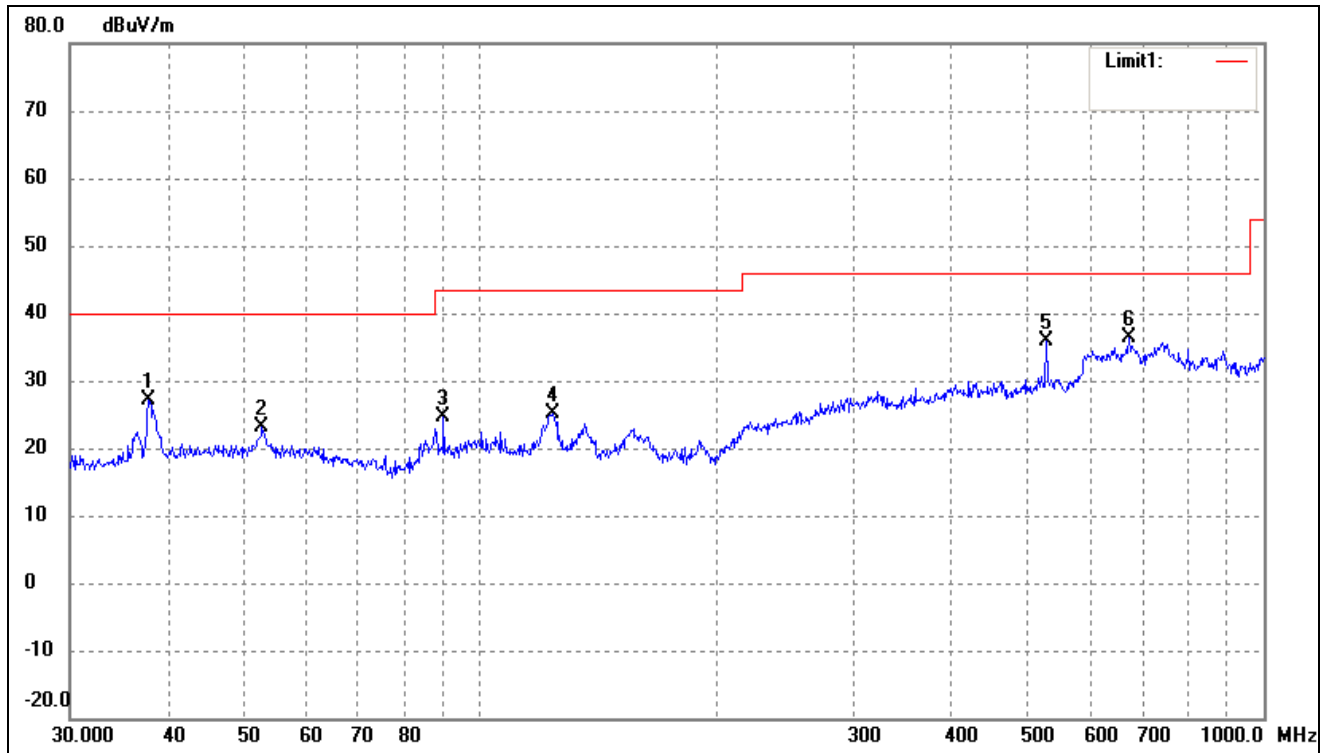
Comment: DC 5V

Test Specification: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	37.9450	19.75	4.90	24.65	40.00	-15.35	23	100	peak
2	61.7781	18.59	4.99	23.58	40.00	-16.42	23	100	peak
3	134.5592	19.01	3.84	22.85	43.50	-20.65	23	100	peak
4	234.9909	17.96	9.02	26.98	46.00	-19.02	23	100	peak
5	411.8240	24.81	12.69	37.50	46.00	-8.50	23	100	peak
6	528.2458	24.96	14.35	39.31	46.00	-6.69	23	100	peak

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	37.8121	22.18	4.88	27.06	40.00	-12.94	101	100	peak
2	52.7600	17.76	5.30	23.06	40.00	-16.94	124	100	peak
3	89.9047	20.93	3.60	24.53	43.50	-18.97	136	100	peak
4	123.6985	20.47	4.73	25.20	43.50	-18.30	149	100	peak
5	528.2458	21.52	14.35	35.87	46.00	-10.13	136	100	peak
6	672.8445	17.57	18.87	36.44	46.00	-9.56	149	100	peak

Note: Testing is carried out with frequency rang 30MHz to the 6.5GHz, which above 1GHz is close to the noise base even antenna close up to 1meter distance according the measurement of ANSI C63.4.

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