



MEASUREMENT REPORT

FCC Part 15B

FCC ID: 2AEHLXCM-SLT
APPLICANT: EXIEM TECHNOLOGIES, LLC

Application Type: Certification
Product: SMARTLINK TPMS TABLET
Model No.: XCM-SLT
Brand Name: EXIEM
FCC Classification: FCC Class B Digital Device (JBP)
FCC Rule Part(s): FCC Part 15 Subpart B
Test Procedure(s): ANSI C63.4: 2009
Test Date: Apr. 20 ~ May. 05, 2015

Reviewed By : Robin Wu
(Robin Wu)
Approved By : Marlin Chen
(Marlin Chen)



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2009. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date
1503RSU02205	Rev. 01	Initial report	05-05-2015

CONTENTS

Description	Page
§2.1033 General Information	4
1. INTRODUCTION	5
1.1. Scope	5
1.2. MRT Test Location	5
2. PRODUCT INFORMATION	6
2.1. Equipment Description	6
2.1.1. Test Mode	6
2.2. Test Configuration	6
3. DESCRIPTION OF TEST	8
3.1. Evaluation Procedure	8
3.2. AC Line Conducted Emissions	8
3.3. Radiated Emissions	9
4. TEST EQUIPMENT CALIBRATION DATE	10
5. MEASUREMENT UNCERTAINTY	11
6. TEST RESULT	12
6.1. Summary	12
6.2. Conducted Emission Measurement	13
6.2.1. Test Limit	13
6.2.2. Test Setup	13
6.2.3. Test Result of Conducted Emissions	14
6.3. Radiated Emission Measurement	18
6.3.1. Test Limit	18
6.3.2. Test Frequency selected	18
6.3.3. Test Setup	19
6.3.4. Test Result of Radiated Emissions	20
7. CONCLUSION	28

§2.1033 General Information

Applicant:	EXIEM TECHNOLOGIES, LLC
Applicant Address:	2851 Massachusetts Avenue, Cincinnati, OH 45225, United States
Manufacturer:	Suzhou Sate Auto Electronic Co., Ltd.
Manufacturer Address:	No.36 Building, Yangtai Road, Suzou Industrial Park, Suzhou, Jiangsu, P.R.China
Test Site:	MRT Technology (Suzhou) Co., Ltd.
Test Site Address:	D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
MRT FCC Registration No.:	809388
Model No.:	XCM-SLT
FCC ID:	2AEHLXCM-SLT
Test Device Serial No.:	N/A <input type="checkbox"/> Production <input checked="" type="checkbox"/> Pre-Production <input type="checkbox"/> Engineering

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Tian'edang Rd., Suzhou, China.

- MRT facility is a FCC registered (MRT Reg. No. 809388) test facility with the site description report on file and has met all the requirements specified in Section 2.948 of the FCC Rules.
- MRT facility is an IC registered (MRT Reg. No. 11384A-1) test laboratory with the site description on file at Industry Canada.
- MRT facility is a VCCI registered (R-4179, G-814, C-4664, T-2206) test laboratory with the site description on file at VCCI Council.
- MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA) under the American Association for Laboratory Accreditation Program (A2LA Cert. No. 3628.01) in EMC, Telecommunications and Radio testing for FCC, Industry Canada, EU and TELEC Rules.



1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taihu Lake. These measurement tests were conducted at the MRT Technology (Suzhou) Co., Ltd. Facility located at D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4-2009 on September 30, 2013.



2. PRODUCT INFORMATION

2.1. Equipment Description

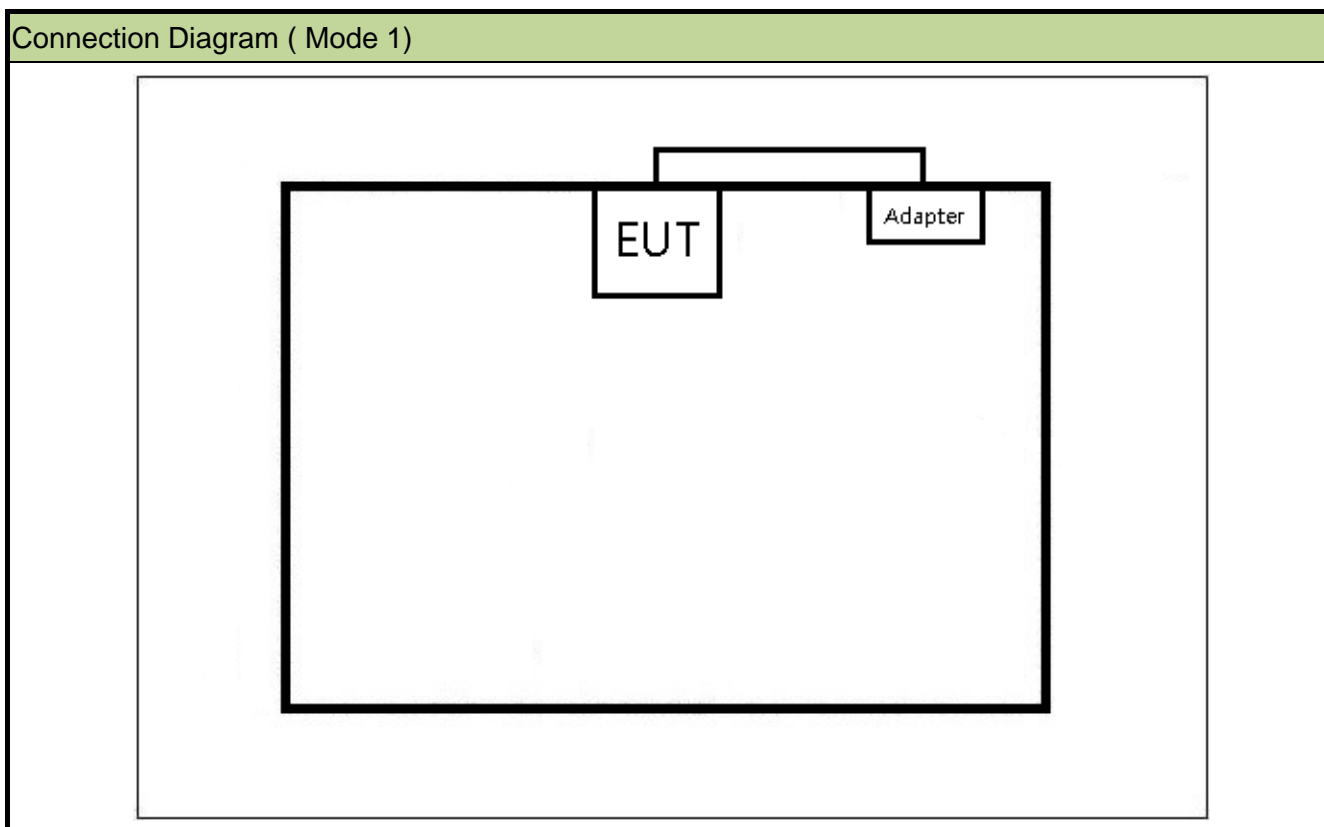
Product Name	SMARTLINK TPMS TABLET
Model No.	XCM-SLT

2.1.1. Test Mode

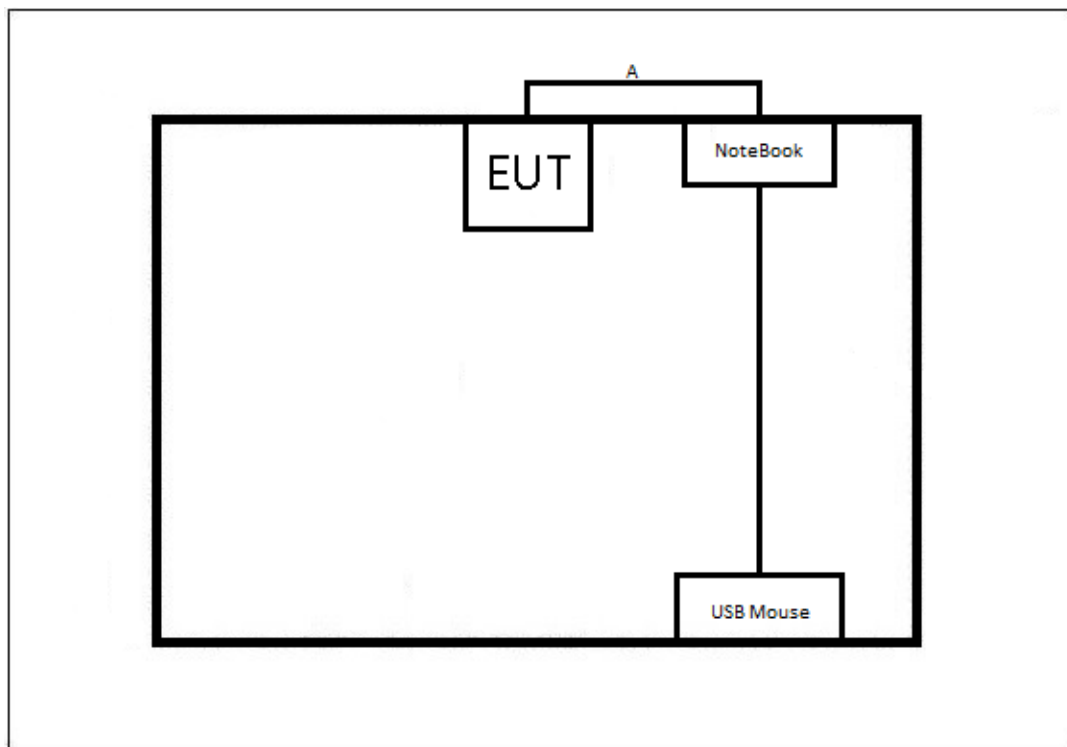
Test Mode	Mode 1: Charging + Camera On Mode 2: USB Copy
-----------	--

2.2. Test Configuration

The EUT was tested per the guidance FCC Part 15 Subpart B: 2014 and ANSI C63.4: 2009 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.



Connection Diagram (Mode 2)



Product	Manufacturer	Model No.	Serial No.	Power Cord
Notebook	Lenovo	E430c	MP-4CFX213/10	Non-Shielded, 1.8m
USB Mouse	DELL	MS111-T	N/A	N/A

3. DESCRIPTION OF TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Methods of Measurement of Radio-Noise Emission from Low-Voltage Electrical Equipment in the Range of 9kHz to 40GHz (ANSI C63.4-2009) was used in the measurement of the Equipment under test.

Deviation from measurement procedure.....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply line(s) will be connected to the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150 kHz to 30 MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9 kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or resolution, clock or data exchange speed, scrolling H pattern to the EUT and/or support equipment whichever determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. Line conducted emissions test results are shown in Section 6.2.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. An MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30 MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30 MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up was placed on top of the 0.8 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, mode of operation, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions. According to 3dB beam-width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

4. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2015/11/08
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2015/11/08
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2015/11/08
Temperature/ Meter Humidity	Anymetre	TH101B	MRTSUE06047	1 year	2015/11/15

Radiated Emission

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2015/11/08
Spectrum Analyzer	Agilent	E4447A	MRTSUE06028	1 year	2015/10/09
TRILOG Antenna	Schwarzbeck	VULB9162	MRTSUE06022	1 year	2015/11/08
Preamplifier	Agilent	83017A	MRTSUE06020	1 year	2015/12/13
Temperature/Humidity Meter	Anymetre	TH101B	MRTSUE06046	1 year	2015/11/15

5. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

AC Conducted Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 150kHz~30MHz: 3.5dB
Radiated Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 9kHz ~ 1GHz: 4.18dB 1GHz ~ 18GHz: 4.76dB

6. TEST RESULT

6.1. Summary

Company Name: EXIEM TECHNOLOGIES, LLC
FCC ID: 2AEHLXCM-SLT
Test Mode: Charging + Camera On;
USB Copy

FCC Part Section(s)	Test Description	Test Result
15.107	Conducted Emissions	Pass
15.109	Radiated Emissions	Pass

6.2. Conducted Emission Measurement

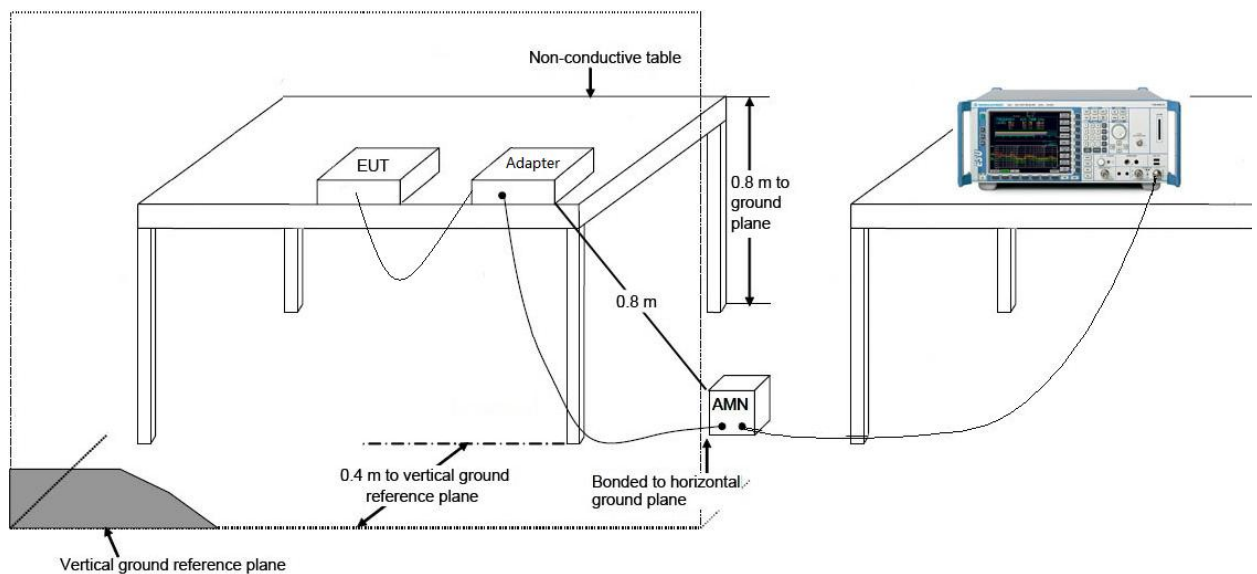
6.2.1. Test Limit

FCC Part 15.107 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

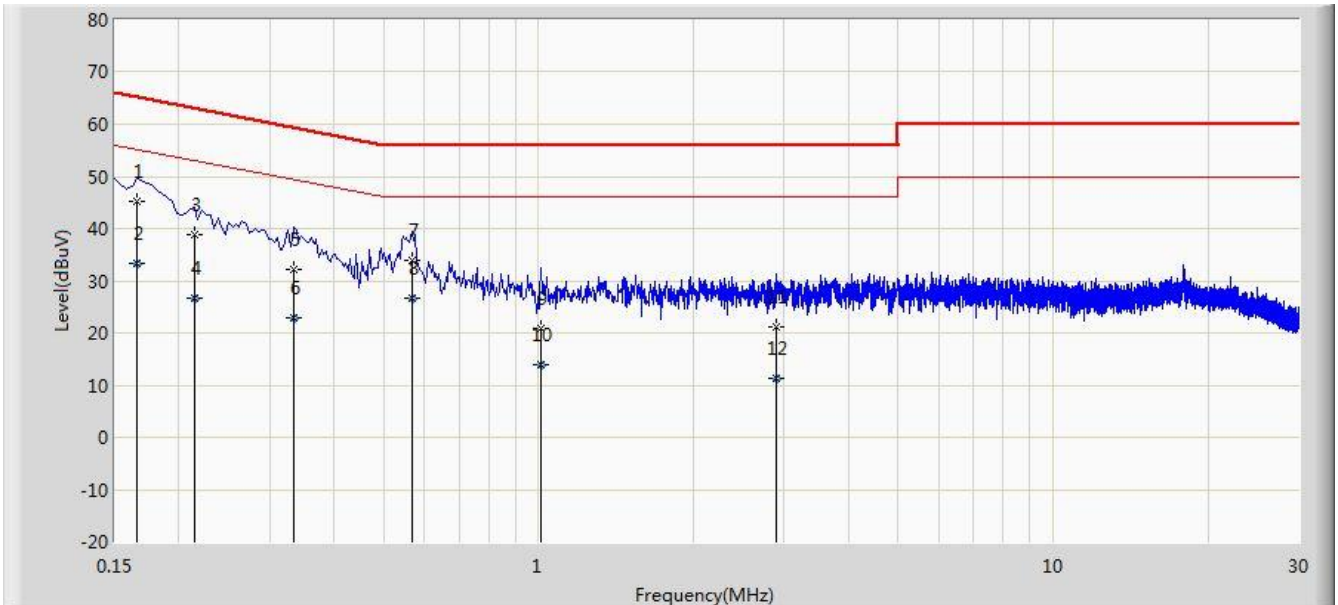
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.2.2. Test Setup



6.2.3. Test Result of Conducted Emissions

Site: SR2	Time: 2015/04/27 - 14:24
Limit: FCC_Part15.107_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

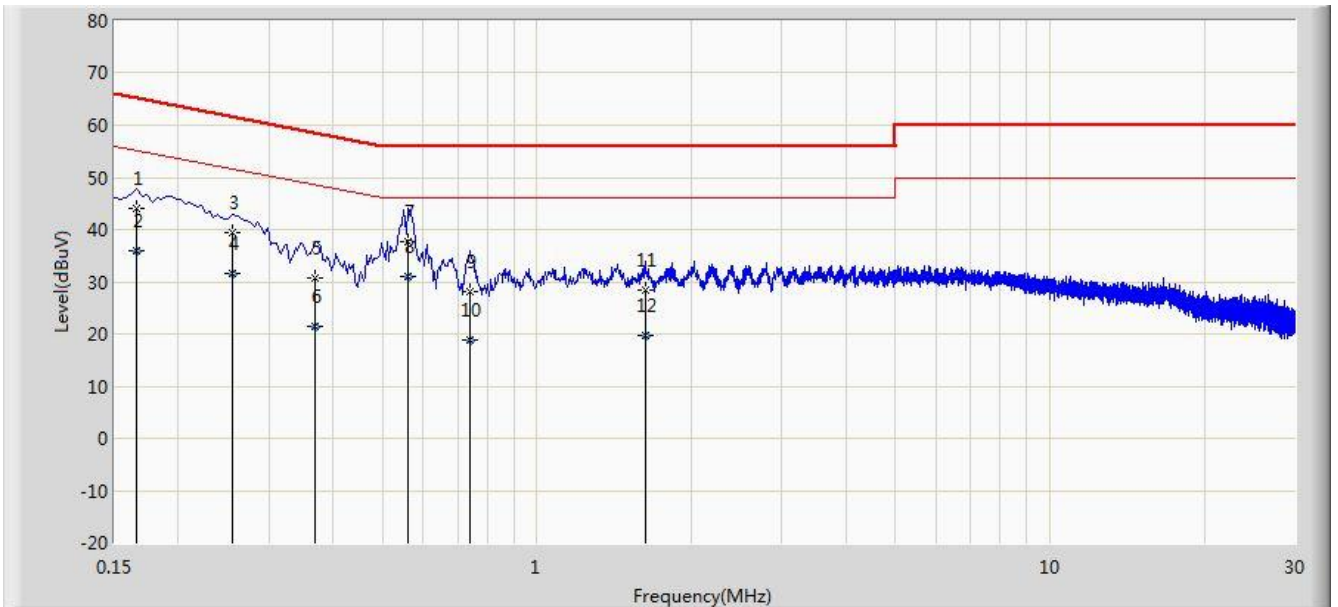


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Over Limit (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.166	45.106	35.019	-20.052	65.158	10.087	QP
2			0.166	33.262	23.175	-21.896	55.158	10.087	AV
3			0.214	38.853	28.896	-24.196	63.049	9.957	QP
4			0.214	26.678	16.721	-26.371	53.049	9.957	AV
5			0.334	32.265	22.234	-27.086	59.351	10.031	QP
6			0.334	22.924	12.893	-26.427	49.351	10.031	AV
7			0.566	33.929	23.797	-22.071	56.000	10.132	QP
8		*	0.566	26.571	16.439	-19.429	46.000	10.132	AV
9			1.010	20.858	10.950	-35.142	56.000	9.909	QP
10			1.010	13.774	3.865	-32.226	46.000	9.909	AV
11			2.902	21.294	11.444	-34.706	56.000	9.850	QP
12			2.902	11.396	1.545	-34.604	46.000	9.850	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2015/04/27 - 14:30
Limit: FCC_Part15.107_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

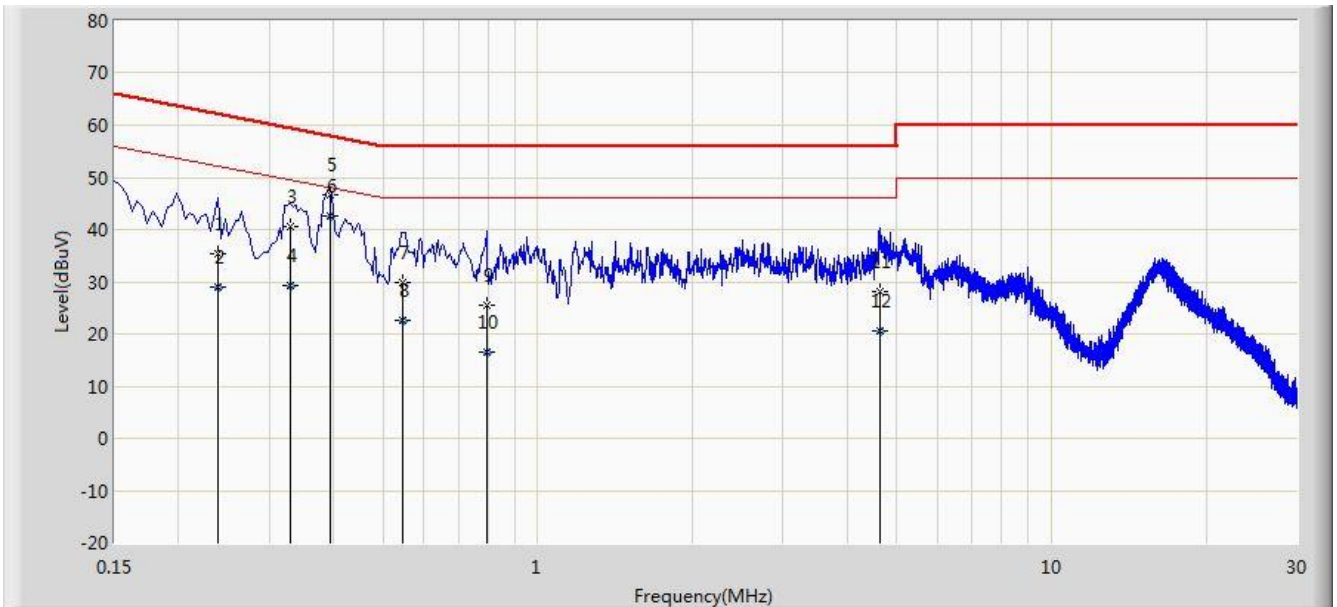


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	44.143	34.072	-21.015	65.158	10.071	QP
2			0.166	36.014	25.942	-19.145	55.158	10.071	AV
3			0.254	39.483	29.479	-22.142	61.625	10.004	QP
4			0.254	31.514	21.510	-20.112	51.625	10.004	AV
5			0.370	30.852	20.762	-27.649	58.501	10.090	QP
6			0.370	21.525	11.435	-26.976	48.501	10.090	AV
7			0.562	37.650	27.498	-18.350	56.000	10.152	QP
8		*	0.562	31.007	20.855	-14.993	46.000	10.152	AV
9			0.742	28.145	18.094	-27.855	56.000	10.051	QP
10			0.742	18.826	8.775	-27.174	46.000	10.051	AV
11			1.626	28.376	18.490	-27.624	56.000	9.886	QP
12			1.626	19.780	9.894	-26.220	46.000	9.886	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2015/05/09 - 16:08
Limit: FCC_Part15.107_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	

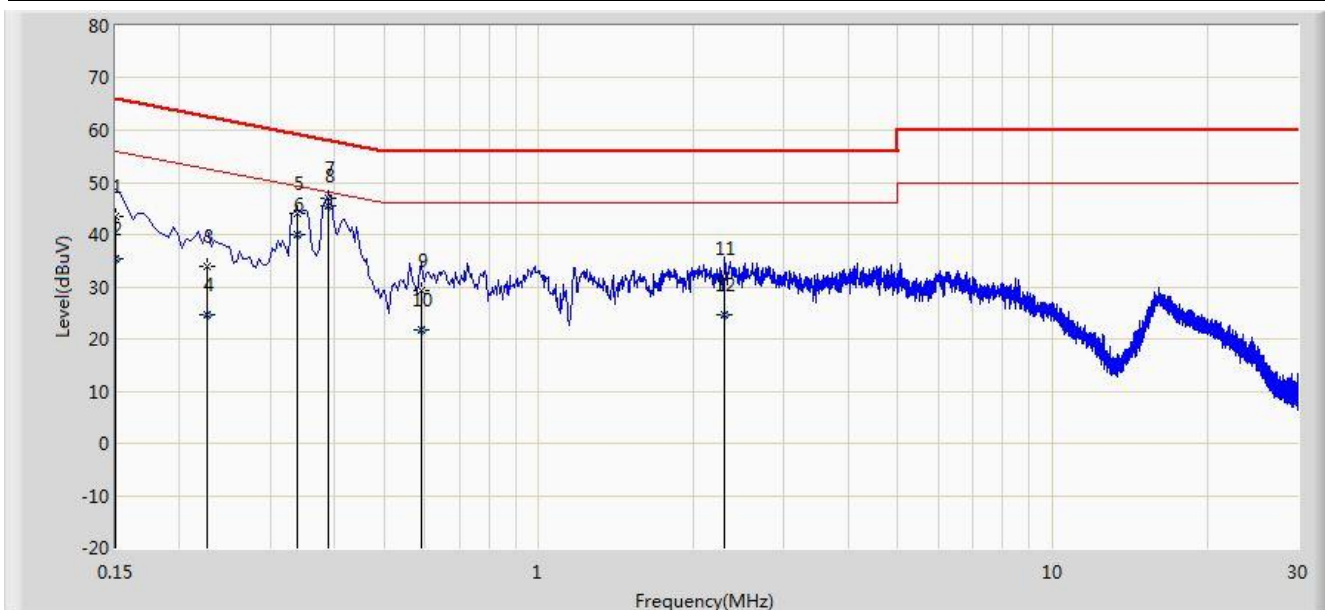


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.238	35.289	25.335	-26.877	62.166	9.954	QP
2			0.238	29.081	19.127	-23.084	52.166	9.954	AV
3			0.330	40.511	30.483	-18.940	59.451	10.028	QP
4			0.330	29.399	19.371	-20.052	49.451	10.028	AV
5			0.394	46.703	36.623	-11.276	57.979	10.080	QP
6		*	0.394	42.732	32.652	-5.247	47.979	10.080	AV
7			0.546	29.794	19.651	-26.206	56.000	10.143	QP
8			0.546	22.745	12.602	-23.255	46.000	10.143	AV
9			0.794	25.567	15.554	-30.433	56.000	10.014	QP
10			0.794	16.515	6.501	-29.485	46.000	10.014	AV
11			4.622	28.115	18.115	-27.885	56.000	9.999	QP
12			4.622	20.719	10.719	-25.281	46.000	9.999	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2015/05/09 - 16:18
Limit: FCC_Part15.107_CE_AC Power	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	43.586	32.444	-22.414	66.000	11.142	QP
2			0.150	35.404	24.262	-20.596	56.000	11.142	AV
3			0.226	33.901	23.918	-28.695	62.595	9.982	QP
4			0.226	24.707	14.725	-27.888	52.595	9.982	AV
5			0.338	43.946	33.880	-15.307	59.252	10.066	QP
6			0.338	39.893	29.828	-9.359	49.252	10.066	AV
7			0.390	47.075	36.971	-10.988	58.064	10.105	QP
8		*	0.390	45.510	35.405	-2.553	48.064	10.105	AV
9			0.590	29.192	19.056	-26.808	56.000	10.137	QP
10			0.590	21.649	11.512	-24.351	46.000	10.137	AV
11			2.298	31.557	21.691	-24.443	56.000	9.866	QP
12			2.298	24.630	14.764	-21.370	46.000	9.866	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

6.3. Radiated Emission Measurement

6.3.1. Test Limit

FCC Part 15.109 Limits		
Frequency (MHz)	Distance (m)	Level (dBμV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBμV/m) = 20 log E field strength (uV/m)

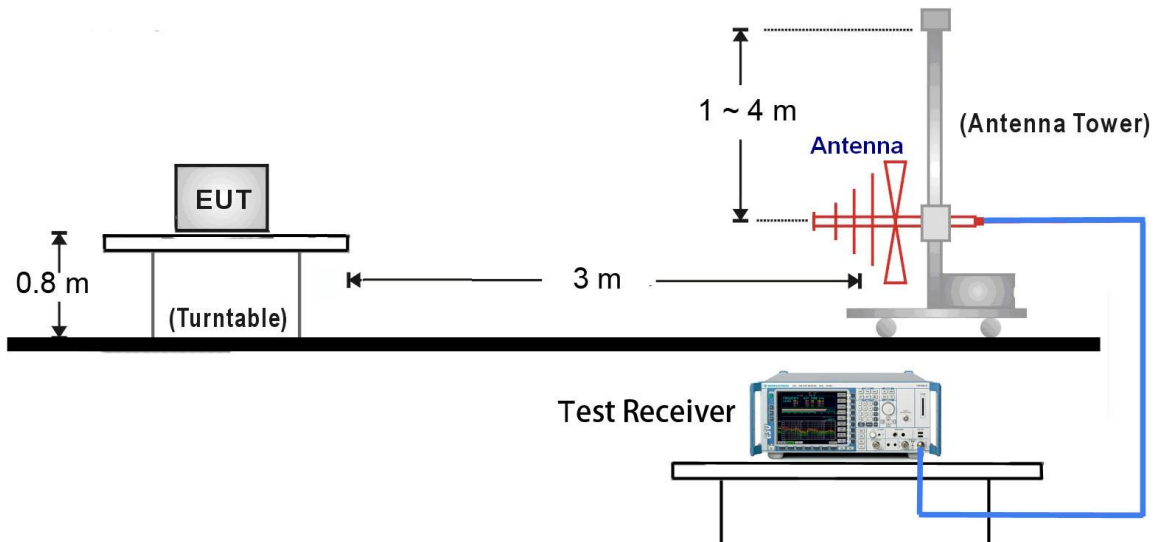
6.3.2. Test Frequency selected

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

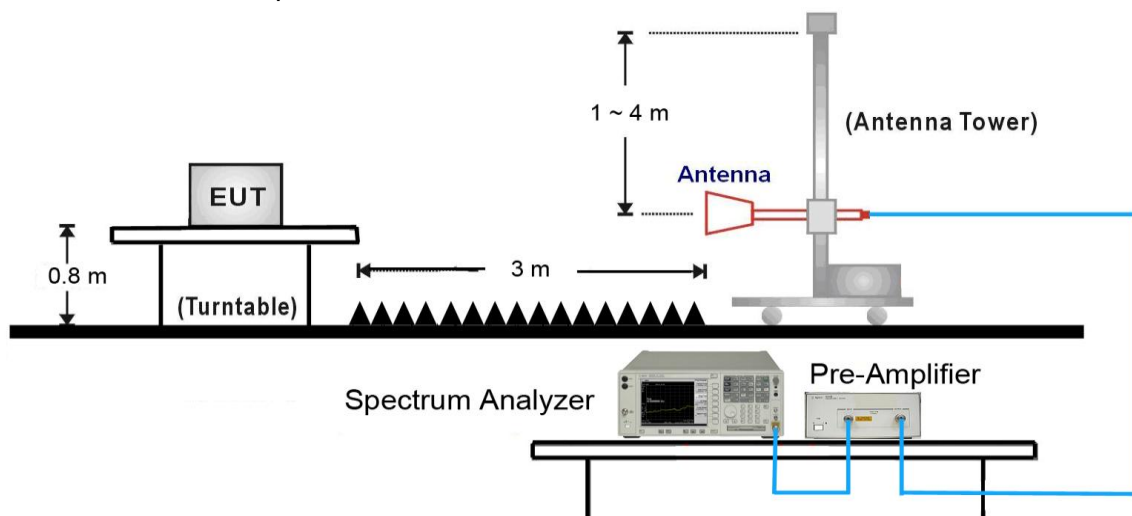
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

6.3.3. Test Setup

30MHz ~ 1GHz Test Setup:

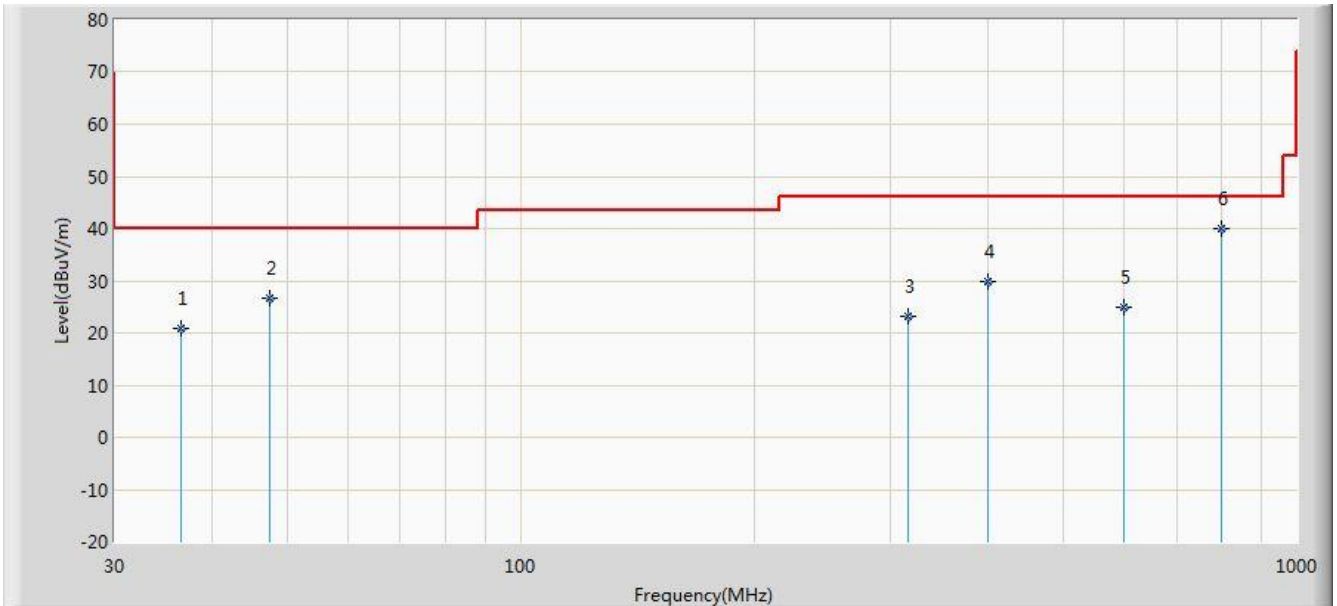


1GHz ~ 18GHz Test Setup:



6.3.4. Test Result of Radiated Emissions

Site: AC1	Time: 2015/05/04 - 14:22
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

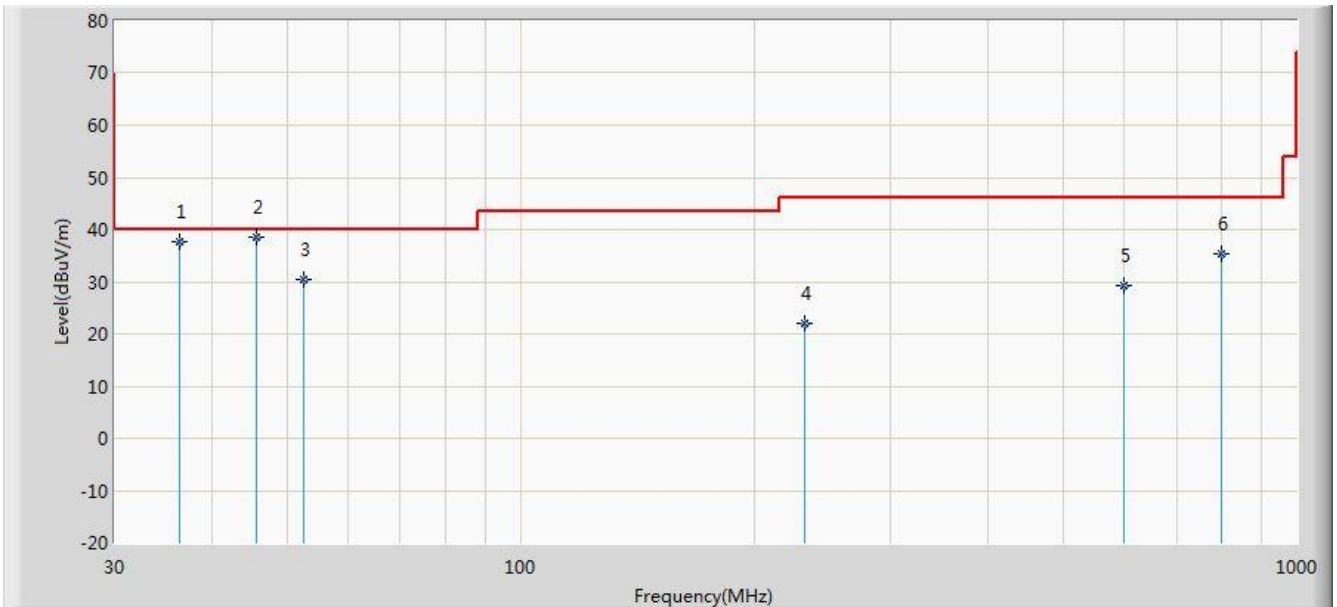


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			36.548	20.810	7.612	-19.190	40.000	13.198	QP
2			47.460	26.789	11.843	-13.211	40.000	14.946	QP
3			315.180	23.054	8.162	-22.946	46.000	14.892	QP
4			399.934	29.806	13.154	-16.194	46.000	16.652	QP
5			599.633	24.859	4.902	-21.141	46.000	19.957	QP
6		*	799.937	40.141	17.422	-5.859	46.000	22.719	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2015/05/04 - 14:22
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

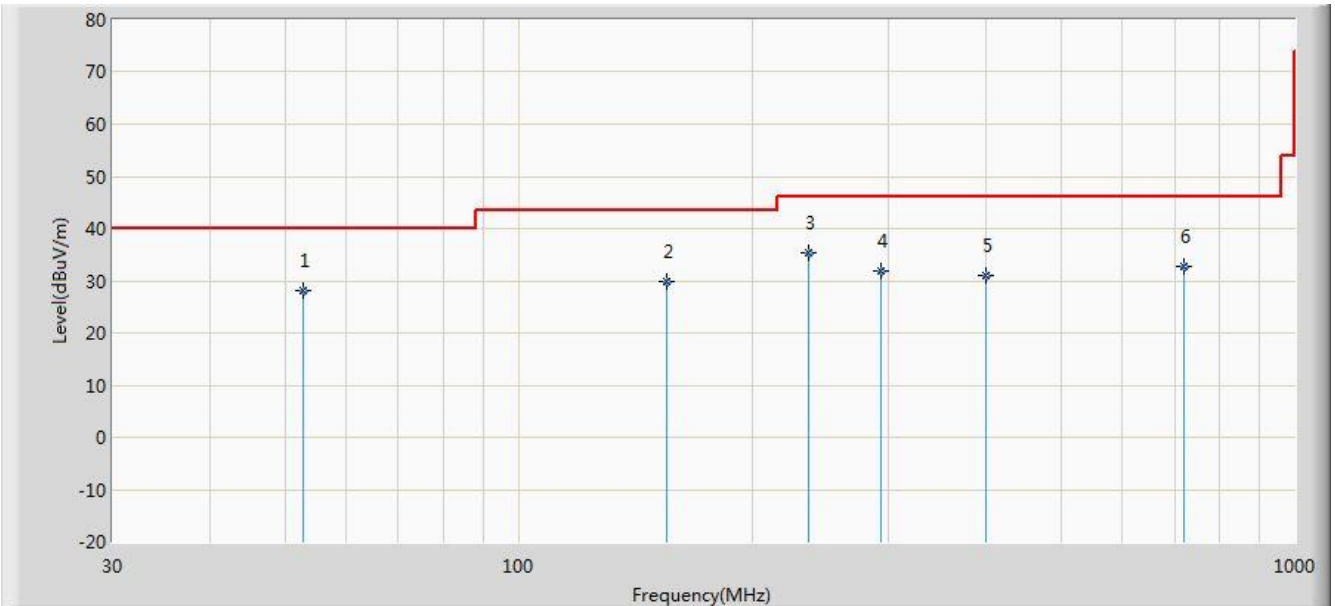


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			36.426	37.763	24.588	-2.237	40.000	13.175	QP
2		*	45.668	38.619	23.700	-1.381	40.000	14.919	QP
3			52.674	30.338	15.476	-9.662	40.000	14.862	QP
4			232.730	22.093	8.975	-23.907	46.000	13.118	QP
5			599.633	29.251	9.294	-16.749	46.000	19.957	QP
6			799.937	35.494	12.775	-10.506	46.000	22.719	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2015/05/10 - 12:56
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	

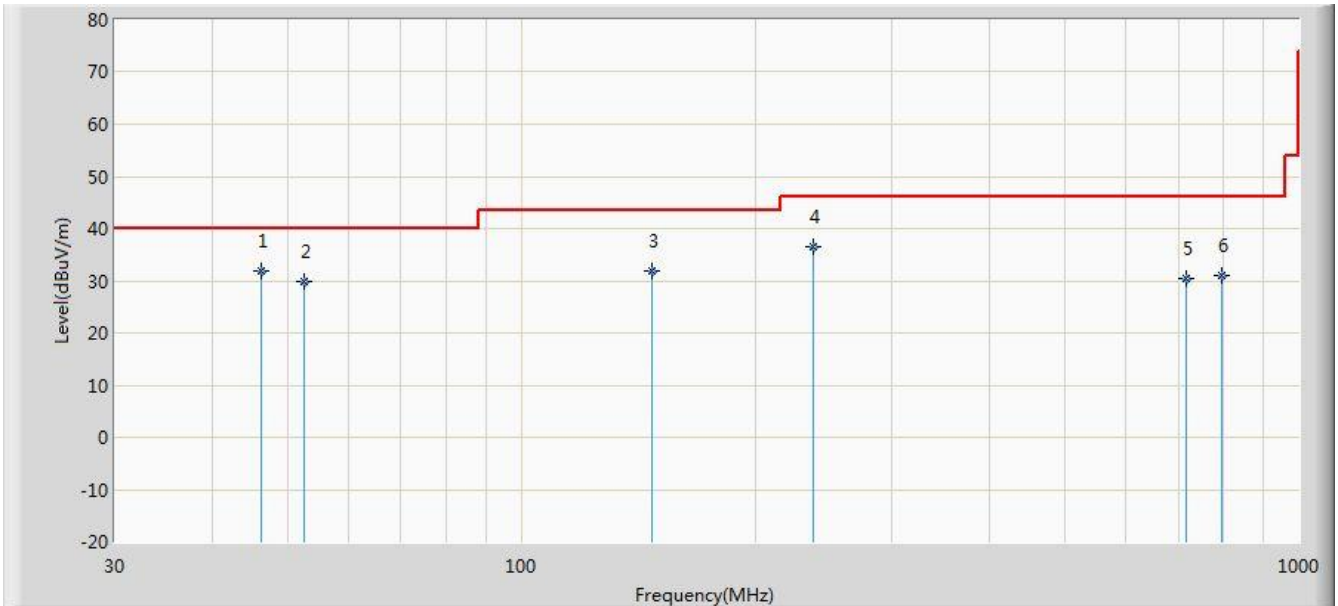


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			52.786	28.115	13.255	-11.885	40.000	14.860	QP
2			155.565	29.900	20.254	-13.600	43.500	9.646	QP
3		*	236.632	35.296	22.041	-10.704	46.000	13.255	QP
4			292.862	31.759	17.410	-14.241	46.000	14.349	QP
5			400.020	30.913	14.260	-15.087	46.000	16.653	QP
6			721.141	32.831	11.064	-13.169	46.000	21.767	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2015/05/10 - 12:56
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	

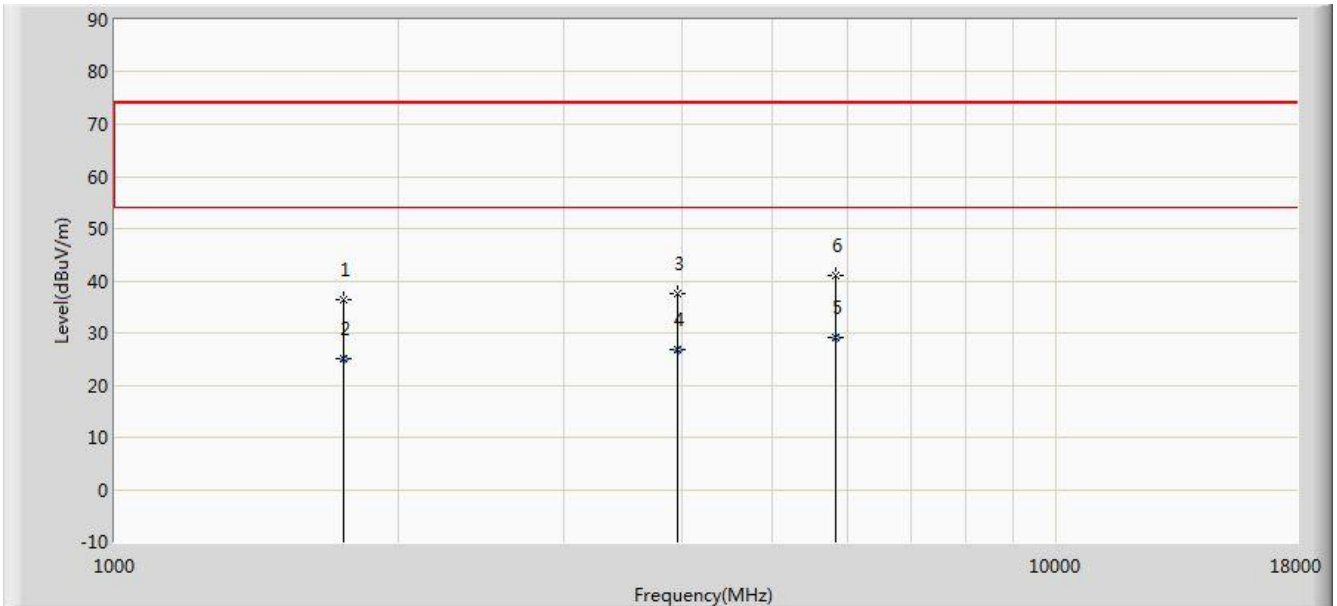


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	46.200	31.998	17.032	-8.002	40.000	14.966	QP
2			52.632	29.897	15.034	-10.103	40.000	14.863	QP
3			147.362	31.832	22.410	-11.668	43.500	9.422	QP
4			237.520	36.428	23.144	-9.572	46.000	13.284	QP
5			717.255	30.365	8.650	-15.635	46.000	21.715	QP
6			796.855	30.930	8.254	-15.070	46.000	22.676	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2015/05/04 - 14:28
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

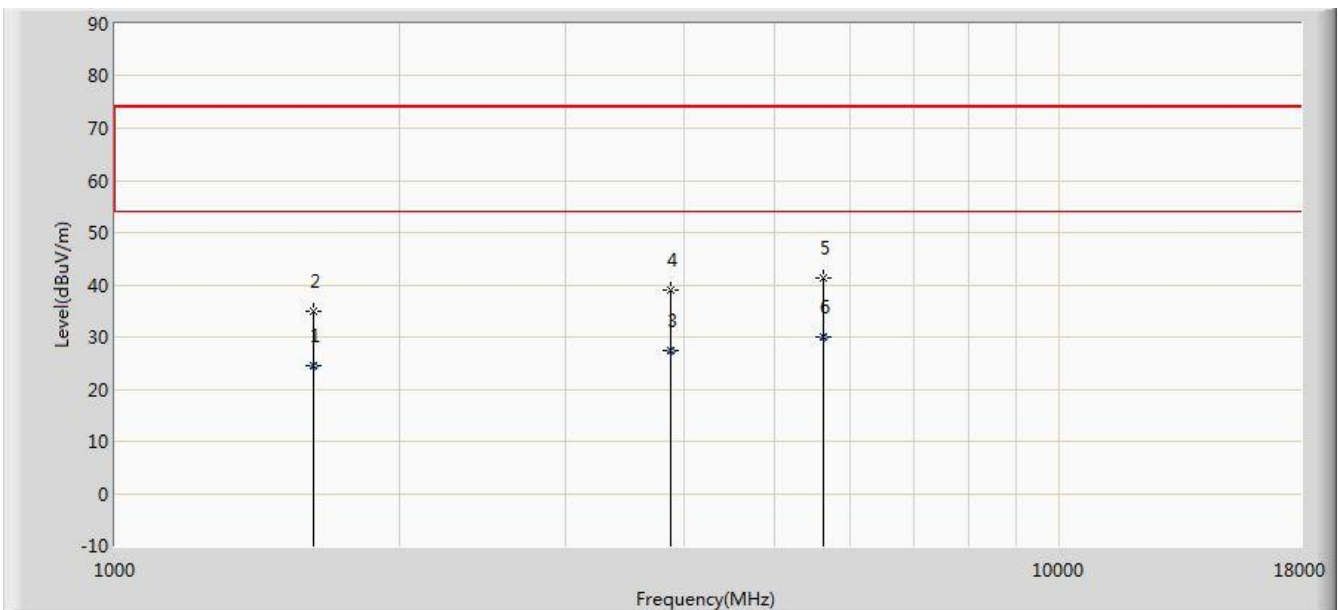


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1748.000	36.240	43.496	-37.760	74.000	-7.256	PK
2			1748.250	24.985	32.240	-29.015	54.000	-7.256	AV
3			3966.500	37.668	37.338	-36.332	74.000	0.330	PK
4			3966.550	26.740	26.410	-27.260	54.000	0.330	AV
5		*	5836.250	29.248	25.215	-24.752	54.000	4.033	AV
6			5836.500	40.984	36.951	-33.016	74.000	4.034	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2015/05/04 - 14:29
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 1	

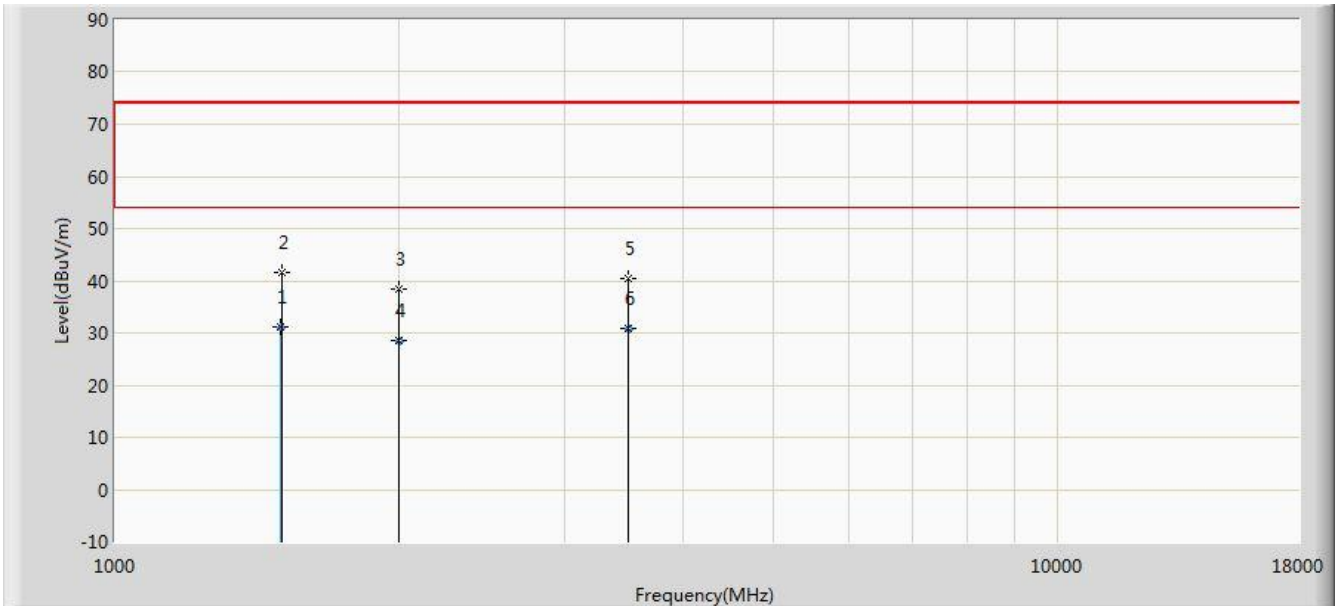


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1620.025	24.549	32.250	-29.451	54.000	-7.702	AV
2			1620.500	34.931	42.632	-39.069	74.000	-7.701	PK
3			3881.240	27.386	27.255	-26.614	54.000	0.131	AV
4			3881.500	38.953	38.821	-35.047	74.000	0.132	PK
5			5632.500	41.265	37.681	-32.735	74.000	3.583	PK
6		*	5632.525	29.934	26.350	-24.066	54.000	3.584	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2015/05/09 - 15:50
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	

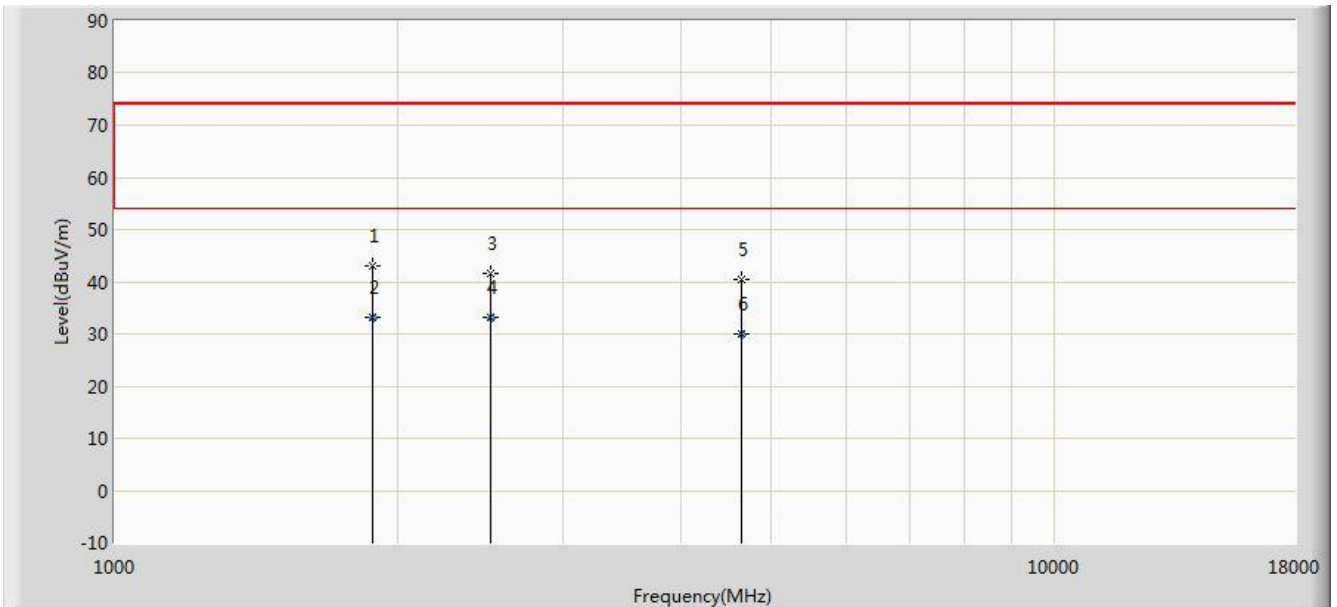


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	1501.250	31.120	38.950	-22.880	54.000	-7.829	AV
2			1501.500	41.458	49.287	-32.542	74.000	-7.829	PK
3			2003.000	38.489	44.171	-35.511	74.000	-5.682	PK
4			2003.225	28.585	34.265	-25.415	54.000	-5.681	AV
5			3499.000	40.399	41.523	-33.601	74.000	-1.124	PK
6			3499.020	30.931	32.054	-23.069	54.000	-1.123	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2015/05/09 - 15:50
Limit: FCC_Part15.109_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: SMARTLINK TPMS TABLET	Power: AC 120V/60Hz
Note: Mode 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1884.000	42.919	49.322	-31.081	74.000	-6.403	PK
2		*	1884.025	33.247	39.650	-20.753	54.000	-6.403	AV
3			2513.000	41.584	45.188	-32.416	74.000	-3.604	PK
4			2513.255	33.052	36.655	-20.948	54.000	-3.603	AV
5			4646.500	40.488	38.350	-33.512	74.000	2.138	PK
6			4646.520	30.088	27.950	-23.912	54.000	2.138	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

7. CONCLUSION

The data collected relate only the item(s) tested and show that the **SMARTLINK TPMS TABLET** **FCC ID: 2AEHLXCM-SLT** is in compliance with Part 15B of the FCC Rules.