FCC Test Report

Product Name	Rugged Tablet
Model No.	PA501BXXXXXXXXX (X for marketing used only: can be alphanumeric or blank)
FCC ID	2ABTU-PA501B

Applicant	RuggON Corporation
Address	4F, No. 298, Yang Guang St., Neihu Dist., Taipei City, Taiwan

Date of Receipt	May. 30, 2019
Issued Date	July. 31, 2019
Report No.	1950454R-RFUSP17V01
Report Version	V1.0

Testing Laboratory
3023

Test Report

Issued Date: July. 31, 2019
Report No.: 1950454R-RFUSP17V01

Product Name	Rugged Tablet
Applicant	RuggON Corporation
Address	4F, No. 298, Yang Guang St., Neihu Dist., Taipei City, Taiwan
Manufacturer	RuggON Corporation
Model No.	PA501BXXXXXXXXX (X for marketing used only: can be alphanumeric
FCC ID.	2ABTU-PA501B
EUT Rated Voltage	AC 100-240V, 50-60Hz
EUT Test Voltage	AC 110V,50Hz
Trade Name	RuggON
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2018 ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By : Anny Chou

(Senior Adm. Specialist / Anny Chou)

Tested By : Sam Hsu

(Engineer / Sam Hsu)

Approved By :

(Director / Vincent Lin)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Rugged Tablet
Trade Name	RuggON
Model No.	PA501BXXXXXXXXX (X for marketing used only: can be alphanumeric or blank)
FCC ID	2ABTU-PA501B
Contain FCC ID	2ABTU-MS01PRO
Frequency Range	13.56MHz
Modulation	ASK
Antenna Type	Coil Antenna

Frequency of Each Channel:

Channel	Frequency
Channel 1:	13.56 MHz

Note:

1. This device is an Rugged Tablet with a built-in 13.56MHz transceiver.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.225
3. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.

Test Mode	Mode 1: Transmit

1.2. Operational Description

EUT is an Rugged Tablet with a built-in 13.56MHz transceiver with ASK modulation. The signal will be transmitted through 13.56MHz RF signal from the Coil Antenna.

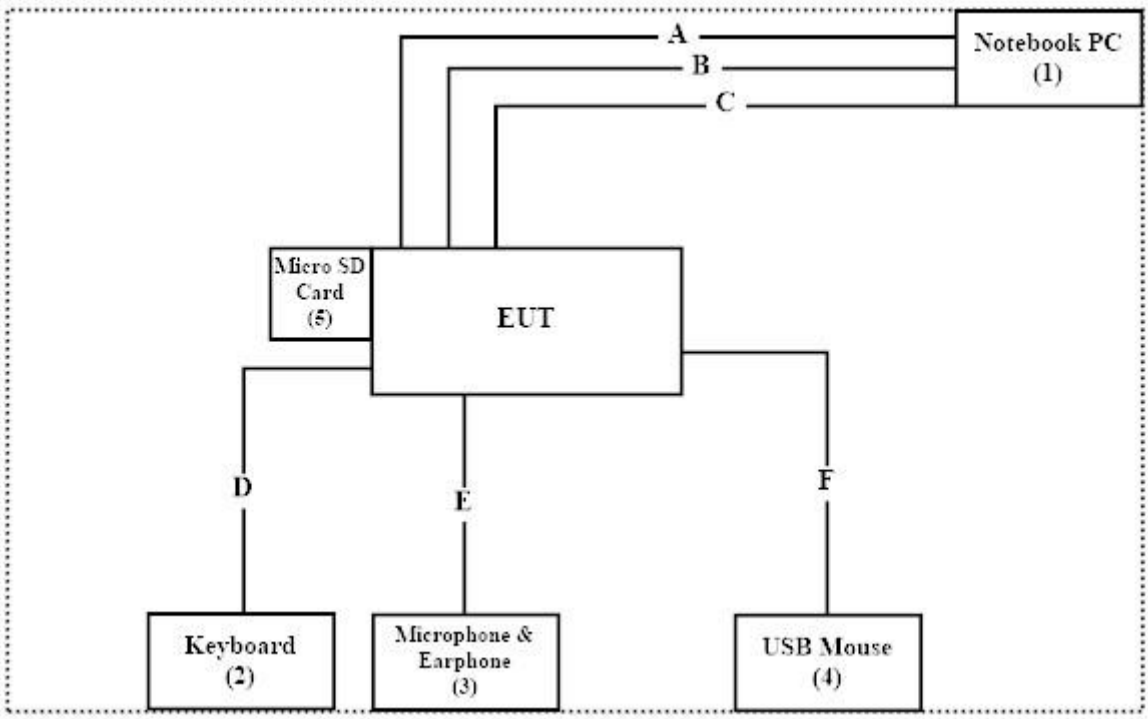
1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	Latitude 5491	1PL56S2	N/A
2	Keyboard	DELL	SK-8115	MY-0DJ325-71619-79D-0178	N/A
3	Microphone & Earphone	Ergotech	ET-E201	N/A	N/A
4	USB Mouse	Logitech	M-BE58	HCA30103357	N/A
5	Micro SD Card 1GB	SanDisk	N/A	0801002841D2N	N/A

Signal Cable Type		Signal Cable Description
A	USB Cable	Shielded, 1.8m
B	USB Cable	Shielded, 2.1m
C	LAN Cable	Shielded, 3m
D	Keyboard Cable	Shielded, 1.8m
E	Microphone & Earphone Cable	Shielded, 2m
F	Mouse Cable	Shielded, 1.8m

1.4. Configuration of tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown in Section 1.4

(2) Turn on the power of all equipment.

(3) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/english/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http://www.dekra.com.tw/index_en.aspx

Site Description: Accredited by TAF
Accredited Number: 3023

Site Name: DEKRA Testing and Certification Co., Ltd
Site Address: No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : info.tw@dekra.com

FCC Accreditation Number: TW3023

1.7. List of Test Equipment

For Conducted measurements /CB3/SR8

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
	Temperature Chamber	WIT GROUP	TH-1S-B	EQ-201-00146	2019/02/26	2020/02/25
X	Spectrum Analyzer	Agilent	N9010A	MY53470892	2018/09/27	2019/09/26
X	Peak Power Analyzer	Keysight	8990B	MY51000410	2019/08/01	2020/07/31
X	Wideband Power Sensor	Keysight	N1923A	MY56080003	2019/07/25	2020/07/24
X	Wideband Power Sensor	Keysight	N1923A	MY56080004	2019/07/25	2020/07/24
X	EMI Test Receiver	R&S	ESCS 30	100369	2018/11/19	2019/11/18
X	LISN	R&S	ENV216	101105	2019/04/10	2020/04/09
X	LISN	R&S	ESH3-Z5	836679/014	2019/04/10	2020/04/09
X	Coaxial Cable	DEKRA	RG 400	LC018-RG	2019/06/21	2020/06/20

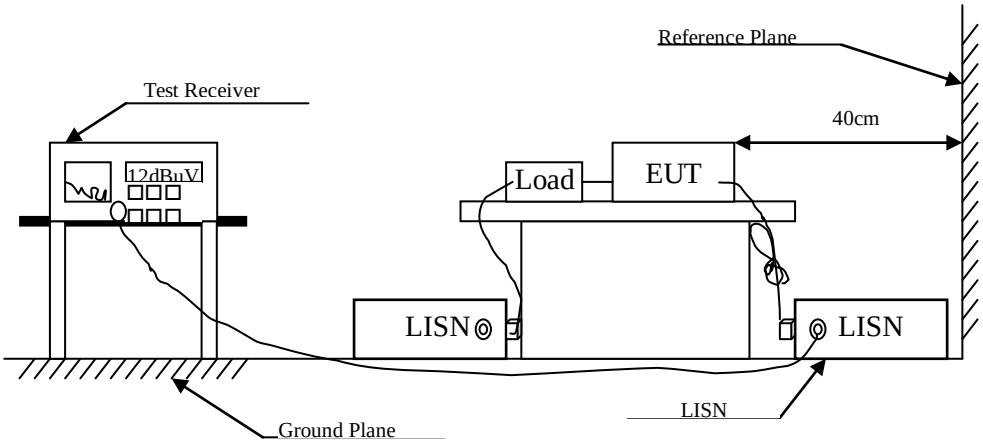
For Radiated measurements /Site3/CB8

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSP40	100170	2019/03/11	2020/03/10
X	Loop Antenna	Teseq	HLA6121	37133	2017/10/13	2019/10/12
X	Bilog Antenna	Schaffner Chase	CBL6112B	2707	2019/06/23	2020/06/22
X	Coaxial Cable	DEKRA	RG 214	LC003-RG	2019/06/13	2020/06/12
X	Pre-Amplifier	Jet-Power	JPA-10M1G33	170101000330	2019/06/13	2020/06/12
X	Horn Antenna	ETS-Lindgren	3117	00135205	2019/04/30	2020/04/29
X	Horn Antenna	SCHWARZBECK	9120D	576	2018/12/18	2019/12/17
X	Pre-Amplifier	EMCI	EMC012630SE	980210	2019/04/16	2020/04/15
X	Horn Antenna	Com-Power	AH-840	101043	2019/01/19	2020/01/18
X	Amplifier + Cable	EMCI	EMC184045SE	980370	2019/03/27	2020/03/26
X	Filter	MICRO-TRONICS	BRM50702	G270	2018/08/06	2019/08/05
X	Filter	MICRO-TRONICS	BRM50716	G196	2018/08/06	2019/08/05

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version :QuieTek EMI 2.0 V2.1.113.

2. Conducted Emission

2.1. Test Setup



2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit		
Frequency MHz	Limits	
	QP	AV
0.15 - 0.50	66-56(※)	56-46(※)
0.50-5.0	56	46
5.0 - 30	60	50

2.3. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.4. Uncertainty

± 2.26 dB

2.5. Test Result of Conducted Emission

Product : Rugged Tablet
Test Item : Conducted Emission Test
Power Line : Line 1
Test date : 2019/07/08
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.166	9.669	35.760	45.429	-20.114	65.543
0.185	9.670	34.700	44.370	-20.630	65.000
0.228	9.672	26.400	36.072	-27.699	63.771
0.396	9.681	35.880	45.561	-13.410	58.971
3.623	9.832	9.920	19.752	-36.248	56.000
13.560	10.076	25.220	35.296	-24.704	60.000
Average					
0.166	9.669	23.170	32.839	-22.704	55.543
0.185	9.670	22.920	32.590	-22.410	55.000
0.228	9.672	15.990	25.662	-28.109	53.771
0.396	9.681	30.720	40.401	-8.570	48.971
3.623	9.832	2.610	12.442	-33.558	46.000
13.560	10.076	24.870	34.946	-15.054	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Rugged Tablet
Test Item : Conducted Emission Test
Power Line : Line 2
Test date : 2019/07/08
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.166	9.707	36.220	45.926	-19.617	65.543
0.189	9.700	32.400	42.100	-22.786	64.886
0.209	9.701	29.480	39.181	-25.133	64.314
0.392	9.711	35.380	45.091	-13.995	59.086
3.822	9.877	12.200	22.077	-33.923	56.000
13.560	10.186	23.900	34.086	-25.914	60.000
Average					
0.166	9.707	20.300	30.006	-25.537	55.543
0.189	9.700	20.520	30.220	-24.666	54.886
0.209	9.701	19.510	29.211	-25.103	54.314
0.392	9.711	31.060	40.771	-8.315	49.086
3.822	9.877	6.790	16.667	-29.333	46.000
13.560	10.186	23.530	33.716	-16.284	50.000

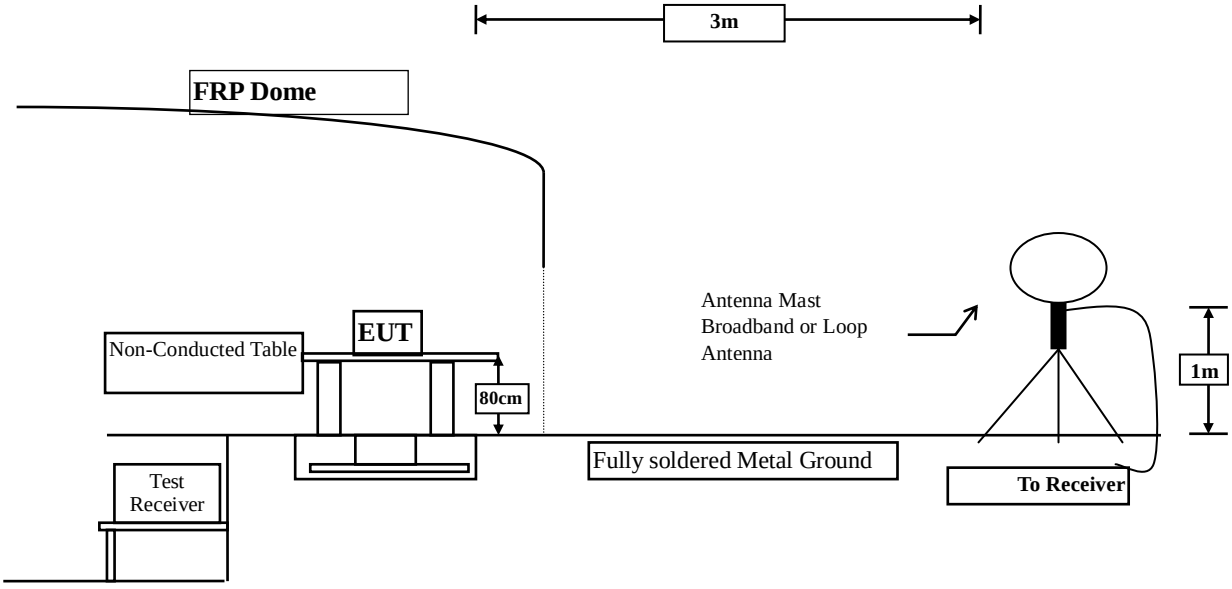
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

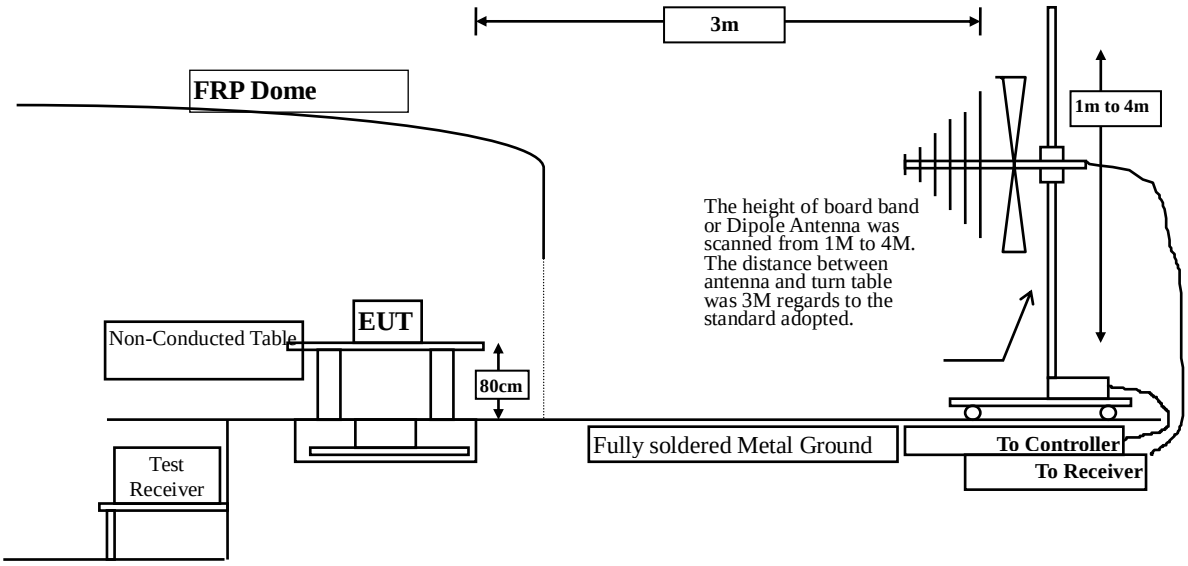
3. Radiated Emission

3.1. Test Setup

9kHz~30MHz



30MHz~1GHz



3.2. Limits

➢ Fundamental electric field strength Limit

FCC Part 15 Subpart C Paragraph 15.225 Limits				
Fundamental Frequency MHz	Field strength of fundamental			
	uV/m	Distance (meter)	dBuV/m	Distance (meter)
13.553 – 13.567	15848	30	124	3
13.410 – 13.553 and 13.567 – 13.710	334	30	90.47	3
13.110 – 13.410 and 13.710 – 14.010	106	30	80.50	3
Outside of the 13.110 – 14.010	See 15.209 Limits			

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

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.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

➢ Spurious electric field strength Limit

FCC Part 15 Subpart C Paragraph 15.209 Limits			
Frequency MHz	uV/m	dBuV/m	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	See Remark[1]	300
0.490-1.705	24000/F(kHz)	See Remark[1]	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

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

3.3. Test Procedure

Fundamental electric field strength:

The EUT and its simulators are placed on a turn table which is 1 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum electric field strength.
The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna which is 1 meter above ground. All X-axis, Y-axis and Z-axis polarization of the antenna are set on measurement.

Spurious electric field strength:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C6310: 2013 on radiated measurement.
On any frequency the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as

measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

The bandwidth below 30MHz setting on the field strength meter is 9kHz and above 30MHz is 120kHz.

The frequency range from 9kHz to 10th harmonics is checked.

3.4. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

3.5. Test Result of Radiated Emission

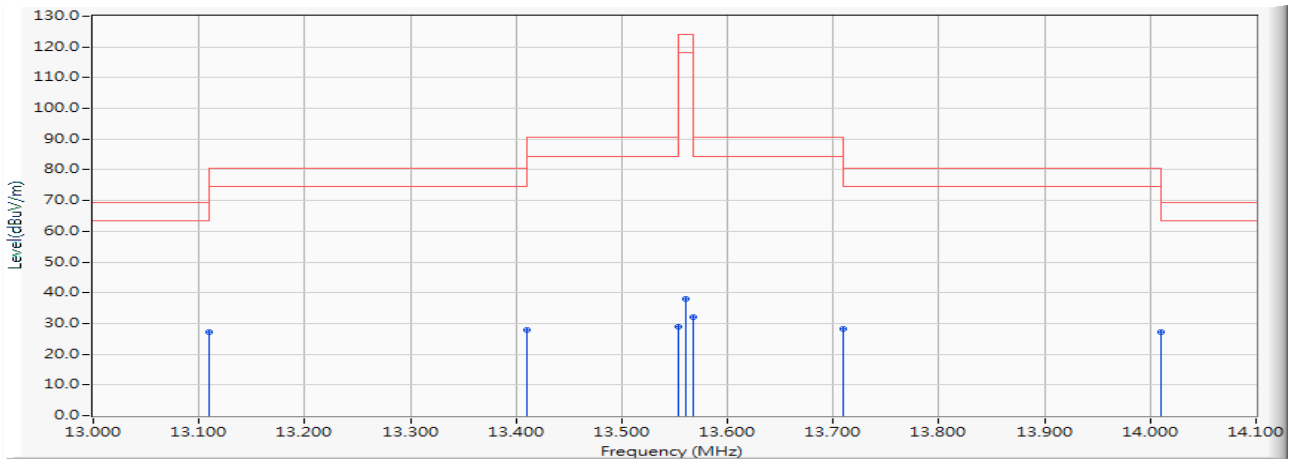
Product : Rugged Tablet
Test Item : Fundamental Radiated Emission
Test Site : No.3 OATS
Test date : 2019/07/08
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
X-axis					
Quasi-Peak					
Horizontal					
13.110	21.010	6.300	27.310	-42.190	69.500
13.410	21.040	6.700	27.740	-52.760	80.500
13.553	21.056	7.800	28.856	-61.614	90.470
13.560	21.058	17.100	38.158	-85.842	124.000
13.567	21.060	10.900	31.960	-58.510	90.470
13.710	21.070	7.100	28.170	-52.330	80.500
14.010	21.100	6.200	27.300	-42.200	69.500
Vertical					
13.110	21.010	5.500	26.510	-42.990	69.500
13.410	21.040	5.700	26.740	-53.760	80.500
13.553	21.056	6.700	27.756	-62.714	90.470
13.560	21.058	16.900	37.958	-86.042	124.000
13.567	21.060	10.200	31.260	-59.210	90.470
13.710	21.070	5.800	26.870	-53.630	80.500
14.010	21.100	5.300	26.400	-43.100	69.500

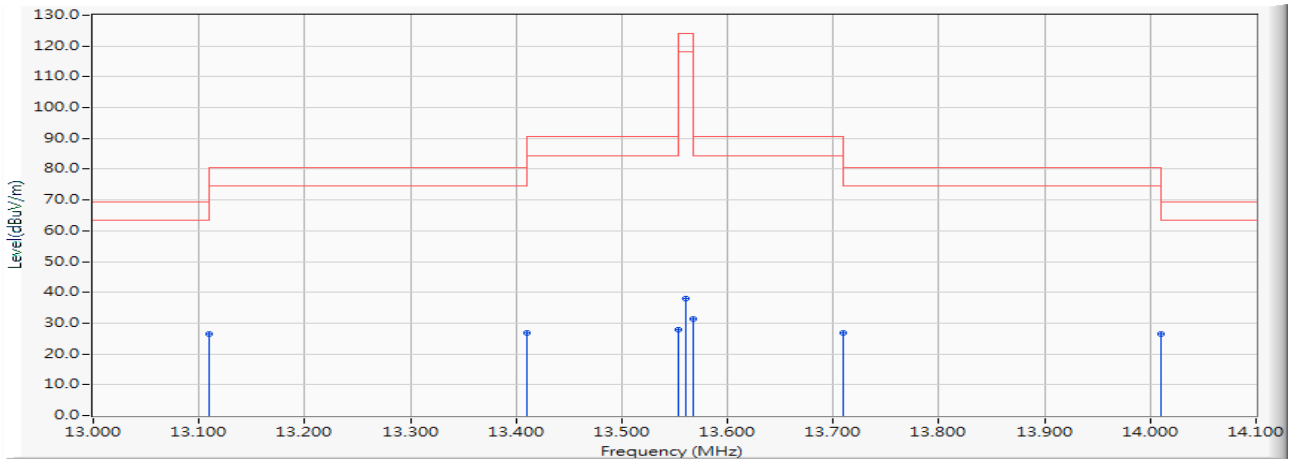
Note:

1. Fundamental Limit=84dBuV/m + 40*Log (30(m)/3(m))=124dBuV/m
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. " " means the worst emission level.
4. Measurement Level = Reading Level + Correct Factor.

Horizontal



Vertical



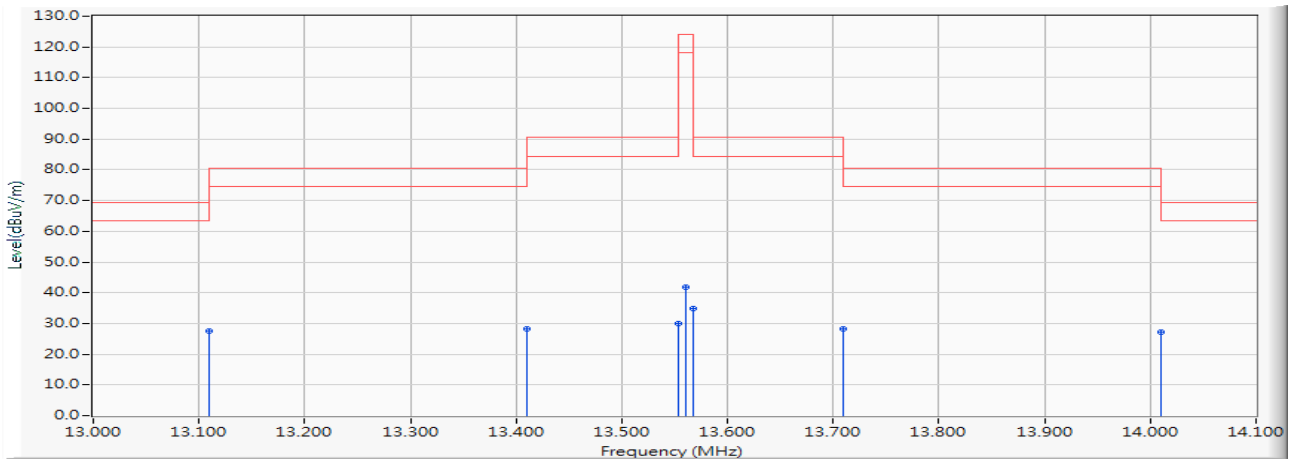
Product : Rugged Tablet
Test Item : Fundamental Radiated Emission
Test Site : No.3 OATS
Test date : 2019/07/08
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Y-axis					
Quasi-Peak					
Horizontal					
13.110	21.010	6.500	27.510	-41.990	69.500
13.410	21.040	7.100	28.140	-52.360	80.500
13.553	21.056	8.800	29.856	-60.614	90.470
13.560	21.058	20.900	41.958	-82.042	124.000
13.567	21.060	13.800	34.860	-55.610	90.470
13.710	21.070	7.100	28.170	-52.330	80.500
14.010	21.100	6.200	27.300	-42.200	69.500
Vertical					
13.110	21.010	5.700	26.710	-42.790	69.500
13.410	21.040	5.800	26.840	-53.660	80.500
13.553	21.056	8.600	29.656	-60.814	90.470
13.560	21.058	23.500	44.558	-79.442	124.000
13.567	21.060	15.200	36.260	-54.210	90.470
13.710	21.070	6.100	27.170	-53.330	80.500
14.010	21.100	5.500	26.600	-42.900	69.500

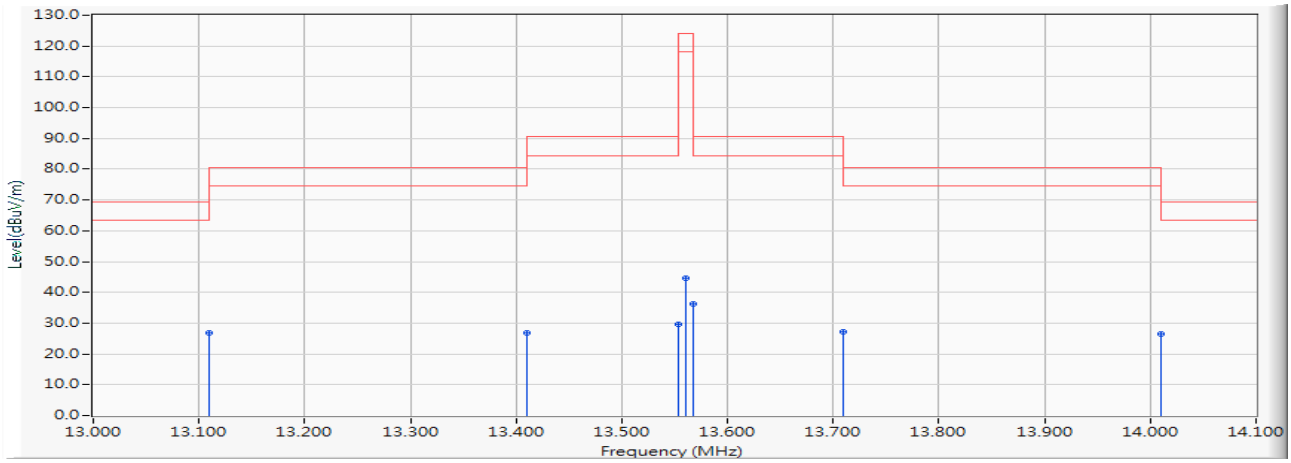
Note:

1. Fundamental Limit=84dBuV/m + 40*Log (30(m)/3(m))=124dBuV/m
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. “ ” means the worst emission level.
4. Measurement Level = Reading Level + Correct Factor.

Horizontal



Vertical



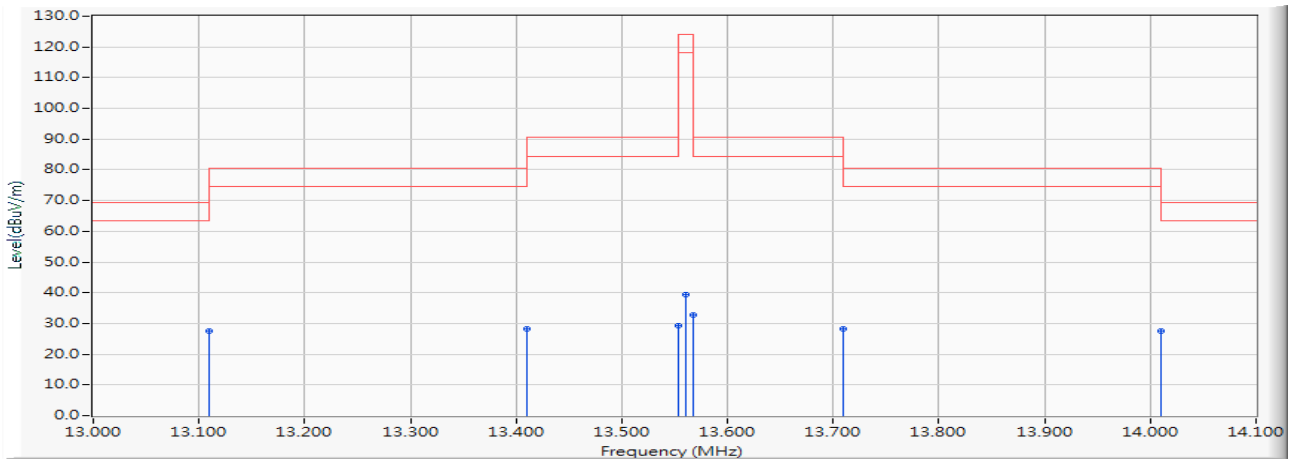
Product : Rugged Tablet
Test Item : Fundamental Radiated Emission
Test Site : No.3 OATS
Test date : 2019/07/08
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Z-axis					
Quasi-Peak					
Horizontal					
13.110	21.010	6.500	27.510	-41.990	69.500
13.410	21.040	7.100	28.140	-52.360	80.500
13.553	21.056	8.100	29.156	-61.314	90.470
13.560	21.058	18.200	39.258	-84.742	124.000
13.567	21.060	11.600	32.660	-57.810	90.470
13.710	21.070	7.100	28.170	-52.330	80.500
14.010	21.100	6.300	27.400	-42.100	69.500
Vertical					
13.110	21.010	5.500	26.510	-42.990	69.500
13.410	21.040	5.800	26.840	-53.660	80.500
13.553	21.056	8.200	29.256	-61.214	90.470
13.560	21.058	22.600	43.658	-80.342	124.000
13.567	21.060	14.500	35.560	-54.910	90.470
13.710	21.070	5.800	26.870	-53.630	80.500
14.010	21.100	5.300	26.400	-43.100	69.500

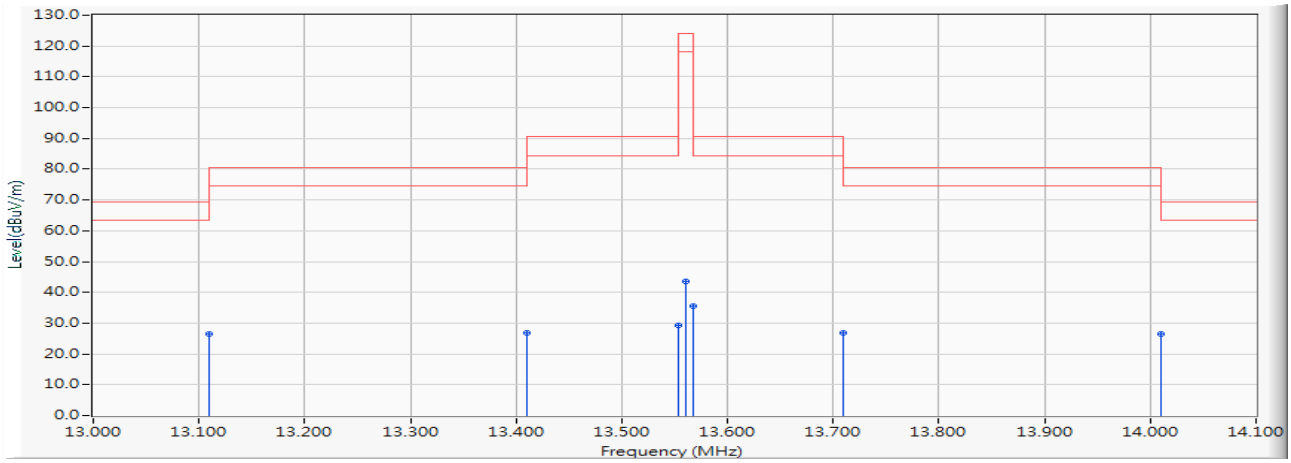
Note:

1. Fundamental Limit=84dBuV/m + 40*Log (30(m)/3(m))=124dBuV/m
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. “ ” means the worst emission level.
4. Measurement Level = Reading Level + Correct Factor.

Horizontal



Vertical



Product : Rugged Tablet
Test Item : General Radiated Emission Data (below 30MHz)
Test Site : No.3 OATS
Test date : 2019/07/03
Test Mode : Mode 1: Transmit

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
27.120	21.700	2.900	24.600	-44.940	69.540
Vertical					
27.120	21.700	2.800	24.500	-45.040	69.540

Note:

1. Limit=29.54dBuV/m + 40*Log (30(m)/3(m))=69.54dBuV/m
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. " " means the worst emission level.
4. Measurement Level = Reading Level + Correct Factor.

Product : Rugged Tablet
Test Item : General Radiated Emission Data (above 30MHz)
Test Site : No.3 OATS
Test date : 2019/07/03
Test Mode : Mode 1: Transmit

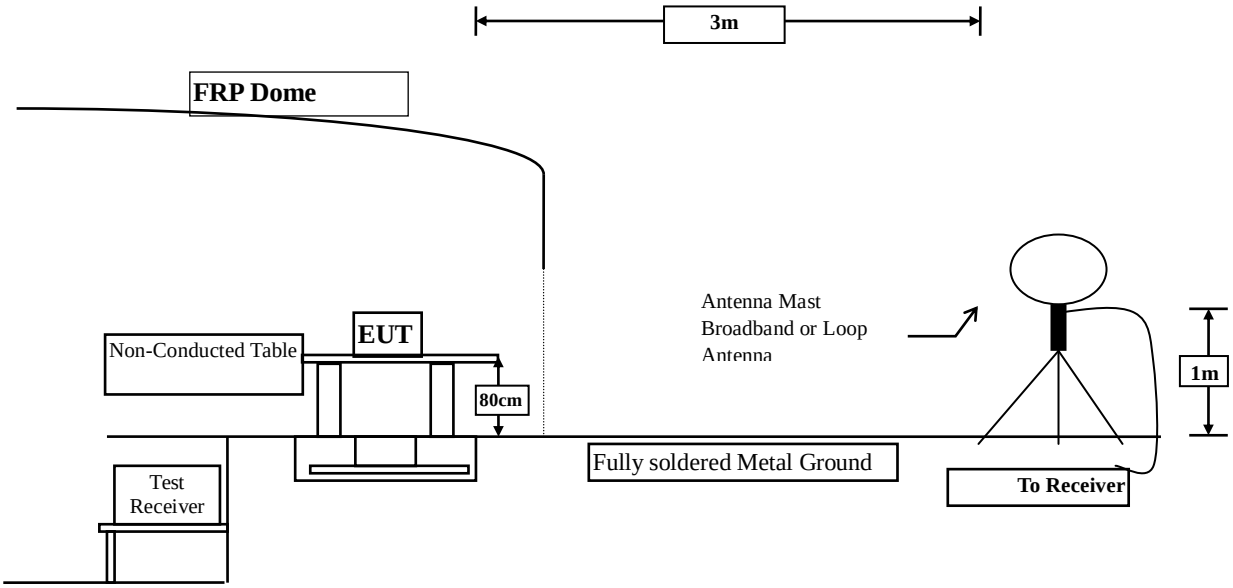
Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
QP Detector					
148.340	18.687	12.582	31.269	-12.231	43.500
256.980	21.569	12.712	34.281	-11.719	46.000
338.460	23.118	8.116	31.234	-14.766	46.000
633.340	28.346	9.053	37.399	-8.601	46.000
827.340	30.381	4.323	34.704	-11.296	46.000
934.040	31.559	3.634	35.193	-10.807	46.000
Vertical					
QP Detector					
148.340	18.687	12.582	31.269	-12.231	43.500
256.980	21.569	12.712	34.281	-11.719	46.000
338.460	23.118	8.116	31.234	-14.766	46.000
633.340	28.346	10.875	39.221	-6.779	46.000
707.060	28.957	8.339	37.296	-8.704	46.000
935.980	31.582	5.760	37.342	-8.658	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

4. Band Edge

4.1. Test Setup



4.2. Limits

In any 9 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50 dB below that in the 9 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.
The bandwidth below 30MHz setting on the field strength meter is 9kHz and above 30MHz is 120kHz.

4.4. Uncertainty

± 4.08 dB above 1GHz
± 4.22 dB below 1GHz

4.5. Test Result of Band Edge

Product : Rugged Tablet
Test Item : Band Edge Data
Test Site : No.3 OATS
Test date : 2019/07/03
Test Mode : Mode 1: Transmit

RF Radiated Measurement

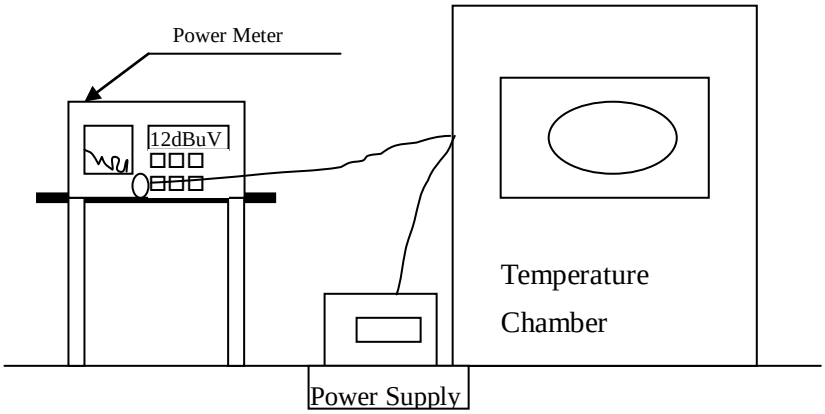
Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Quasi-Peak					
Horizontal					
13.110	21.010	6.500	27.510	-42.030	69.540
13.360	21.040	7.100	28.140	-41.400	69.540
13.410	21.040	7.100	28.140	-41.400	69.540
14.010	21.100	6.200	27.300	-42.240	69.540
Vertical					
13.110	21.010	5.700	26.710	-42.830	69.540
13.360	21.040	5.800	26.840	-42.700	69.540
13.410	21.040	5.800	26.840	-42.700	69.540
14.010	21.100	5.500	26.600	-42.940	69.540

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

5. Frequency Tolerance

5.1. Test Setup



5.2. Limits

The frequency tolerance of the carrier signal shall be maintained within ±0.01% of the operating frequency.

5.3. Test Procedure

The over operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

5.4. Uncertainty

± 283 Hz

5.5. Test Result of Frequency Stability

Product : Rugged Tablet
Test Item : Frequency Tolerance
Test Site : Temperature Chamber
Test date : 2019/07/11
Test Mode : Mode 1: Transmit

Temperature (℃)	Voltage (V)	Observe Time	Declared Frequency (MHz)	Read Frequency (MHz)	Tolerance (%)	Limit (%)
20	110	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	
20	121	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	
20	99	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	
50	110	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	
40	110	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	
30	110	start	13.56	13.56124	0.009145	±0.01%
		2mins	13.56	13.56124	0.009145	
		5mins	13.56	13.56124	0.009145	
		10mins	13.56	13.56124	0.009145	

10	110	start	13.56	13.56124	0.009145	±	0.01	%
		2mins	13.56	13.56124	0.009145			
		5mins	13.56	13.56124	0.009145			
		10mins	13.56	13.56124	0.009145			
0	110	start	13.56	13.56124	0.009145	±	0.01	%
		2mins	13.56	13.56124	0.009145			
		5mins	13.56	13.56124	0.009145			
		10mins	13.56	13.56124	0.009145			
-10	110	start	13.56	13.56124	0.009145	±	0.01	%
		2mins	13.56	13.56124	0.009145			
		5mins	13.56	13.56124	0.009145			
		10mins	13.56	13.56124	0.009145			
-20	110	start	13.56	13.56124	0.009145	±	0.01	%
		2mins	13.56	13.56124	0.009145			
		5mins	13.56	13.56124	0.009145			
		10mins	13.56	13.56124	0.009145			

6. EMI Reduction Method During Compliance Testing

No modification was made during testing.